



brampton.ca

BRAMPTON Flower City

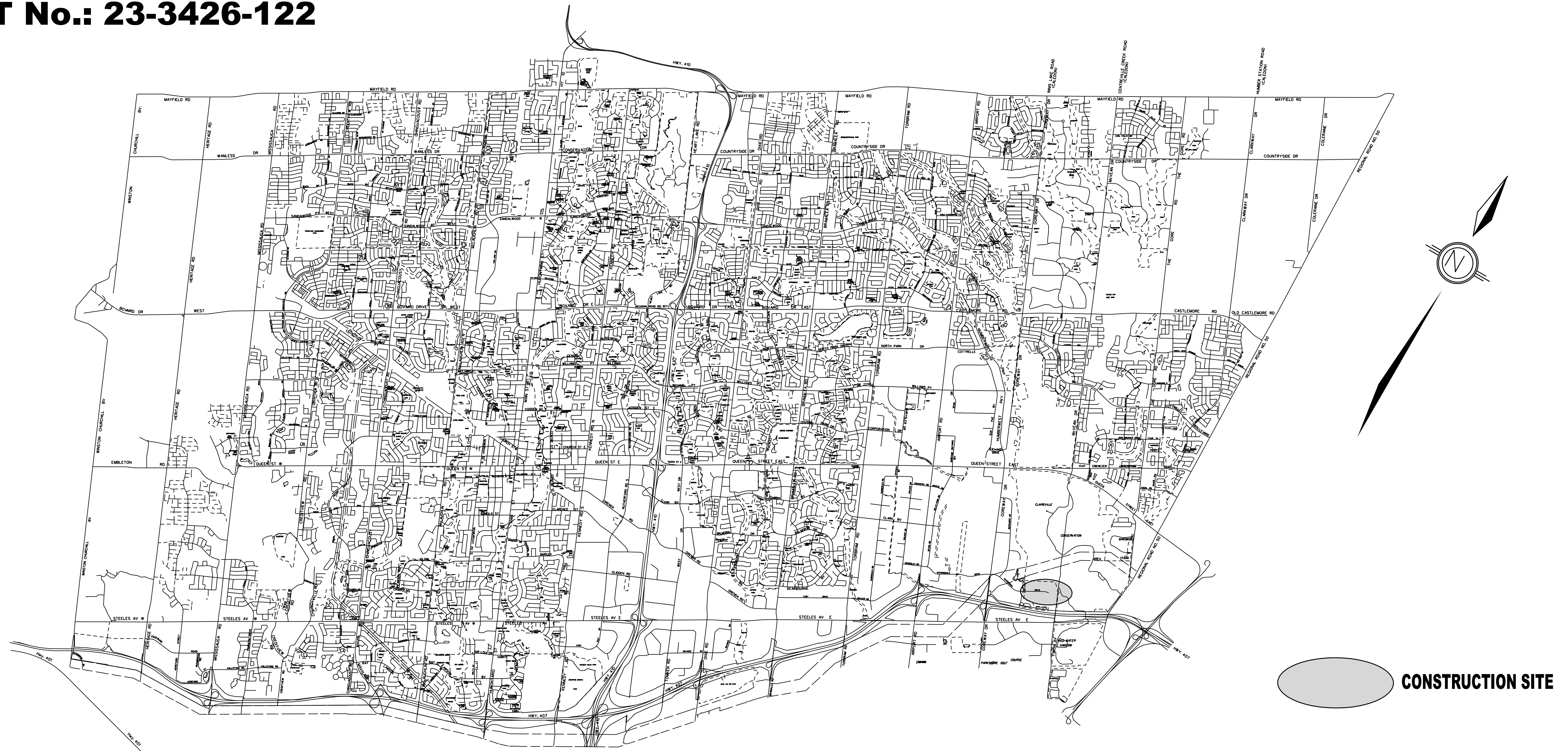
CONTRACT No.:

PROJECT No.: 23-3426-122

Public Works & Engineering

Capital Works

**INTERMODAL DRIVE AND REGION OF
PEEL WATERMAIN EXTENSION TO
GOREWOOD DRIVE MUNICIPAL
CLASS E.A.**



CONSTRUCTION SITE

30% Submission



BID CALL No:

FILE No: 23-3426-122

LIST OF DRAWINGS

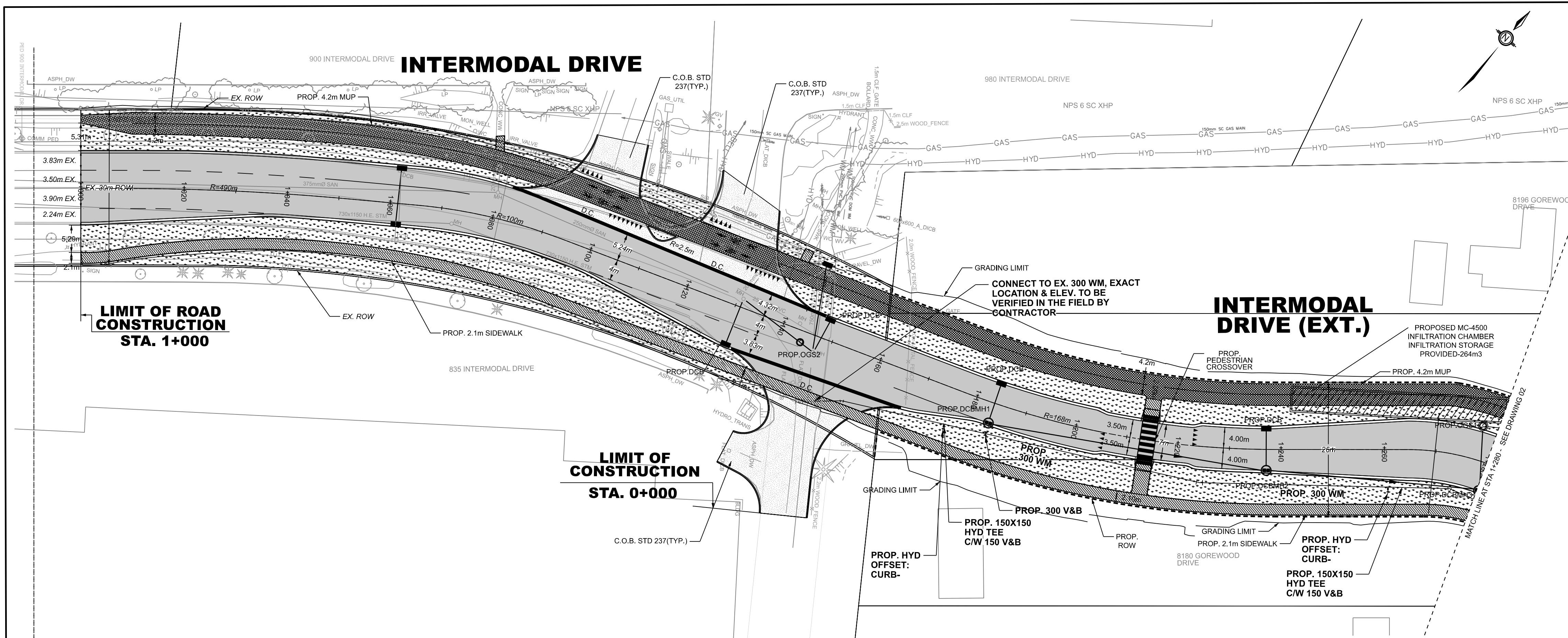
DESCRIPTION	STATION	DRAWING	SHEET
<i>INTERMODAL DRIVE</i>			
1126m E to 1426m E of Goreway Dr	STA. 1+000 to STA. 1+280		1
<i>GOREWOOD DRIVE</i>			
511m W to 281m W of Steeles Ave	STA. 1+280 to STA. 1+390		2
<i>TRCA DRIVEWAY</i>			
0m E to 90m E of Claireville Conservaiton Rd.	STA. 2+000 to STA. 2+090		3
<i>REMOVALS DRAWING</i>	STA. 1+000 to STA. 1+390		4

Public Works & Engineering

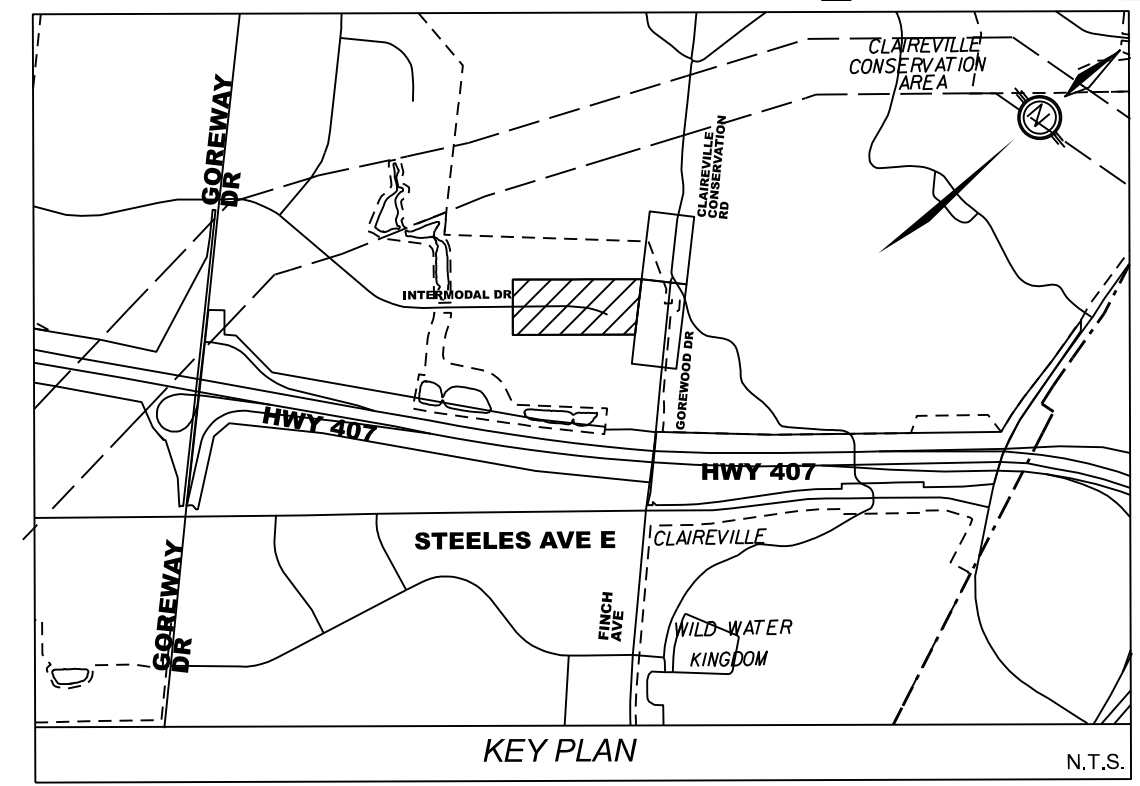
Capital Works

INTERMODAL DRIVE AND REGION OF PEEL WATERMAIN EXTENSION TO GOREWOOD DRIVE MUNICIPAL CLASS E.A.

30% Submission



FOR STORM AND ROADWORKS ONLY

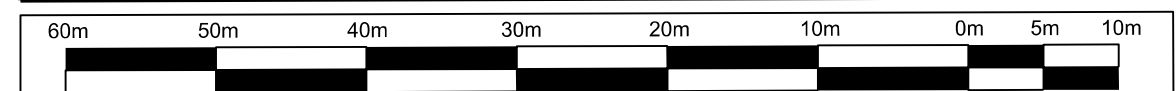


LEGEND:

PROP CONC BUS BAY	PROP SEED / SOD
PROP CONC KILLSTRIP/MEDIAN	PROP IMPRESSED COLOURED CONC
PROP ASPHALT PAVEMENT	PROP ASPH MULTI USE TRAIL
PROP D/W REINSTATEMENT	PROP D/W RELOCATED / NEW
PROP STORM SEWER (PROFILE ONLY)	PROP TEMP ASPH PEDESTRIAN CONNECTION
PROP MILLING & PLACEMENT OF 40mm HL1	PROP SILT FENCE (TREE HOARDING)
PROP CONC SIDEWALK / BUS PAD	PROP LIMIT OF GRADING
PROP TACTILE WALKING STRIP INDICATOR	PROP TEMP ROCK CHECK DAM (OPSD 219.210)

- NOTES:
- ALL EXIST MH TOPS, GAS, WATER & OTHER APPURTENANCES TO BE ADJUSTED TO SUIT PROP GRADES
 - DCB & D/CB LEADS TO BE 250mm, CB LEADS TO BE 200mm, UNLESS OTHERWISE NOTED
 - ALL EXISTING CSPS WITHIN R.O.W. TO BE REMOVED UNLESS OTHERWISE NOTED
 - PROPOSED MEDIANS TO HAVE CONCRETE BARRIER CURB O.P.S.D. 600.060
 - ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION
 - 'CITY' REFERS TO THE CITY OF BRAMPTON
 - SEE DRAWINGS - - - FOR DIMENSIONS
 - SEE DRAWINGS - - - FOR REMOVALS
 - SEE DRAWING - - - FOR TYPICAL CROSS SECTIONS
 - SEE DRAWINGS - - - FOR PAVEMENT ELEVATION DETAILS
 - SEE DRAWINGS - - - FOR PAVEMENT MARKINGS AND SIGNAGE
 - SEE DRAWINGS - - - FOR LANDSCAPING DRAWINGS
 - SEE DRAWINGS - - - FOR WATERMAIN DRAWINGS
 - SEE DRAWINGS - - - FOR STREETLIGHTING DRAWINGS

REFERENCE: BENCH MARK F2-581 240.393m
One story brick building, no.42 Regan Road. Tablet is set in the southeast face of concrete foundation, 3.25m northwesterly of the southerly building corner and 0.15m above the sidewalk.



1.	LC	2025-12-15	30% Preliminary Design	BPN
NO.	BY	DATE	REVISIONS	CHECKED

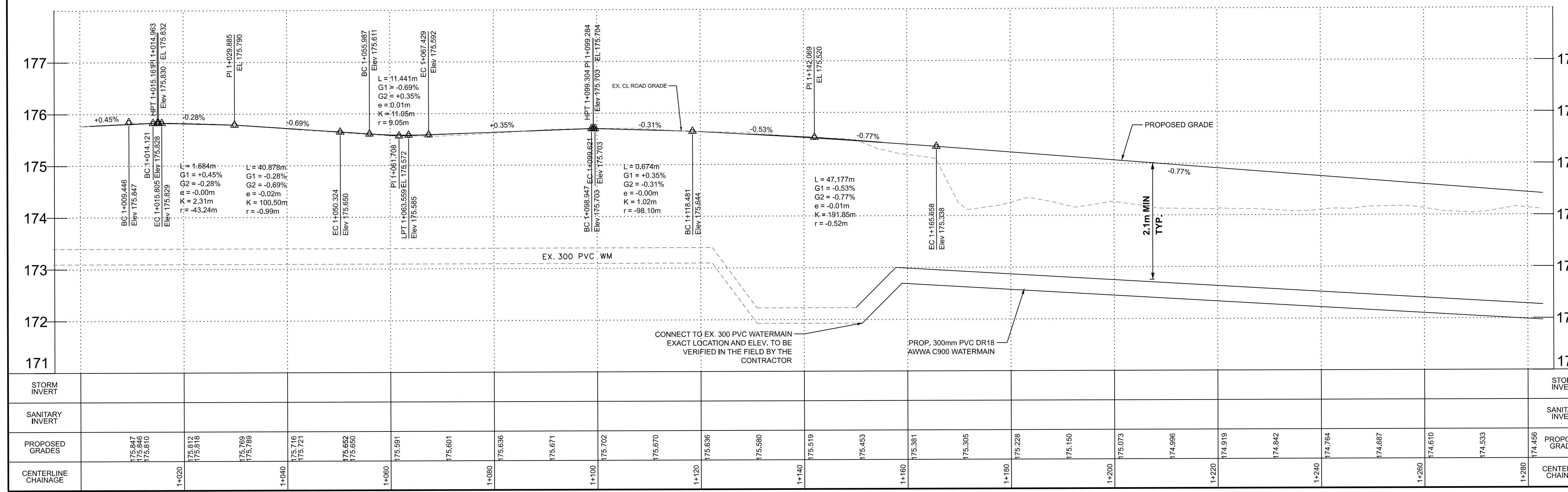
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Capital Works

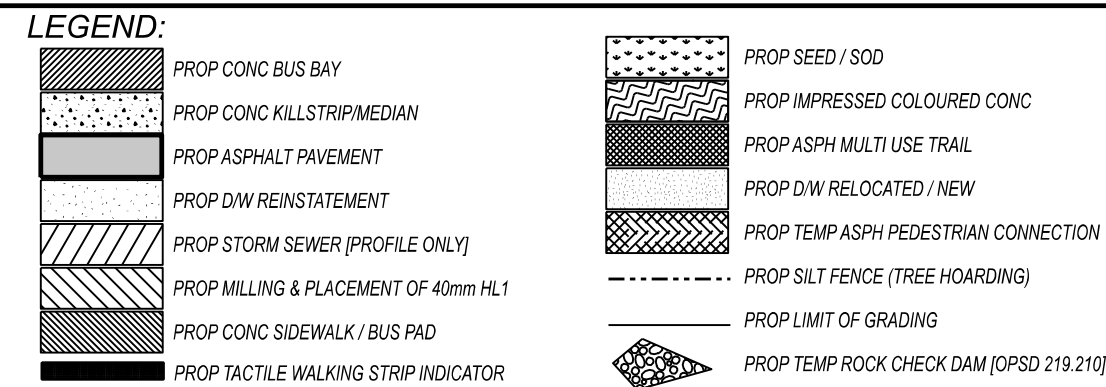
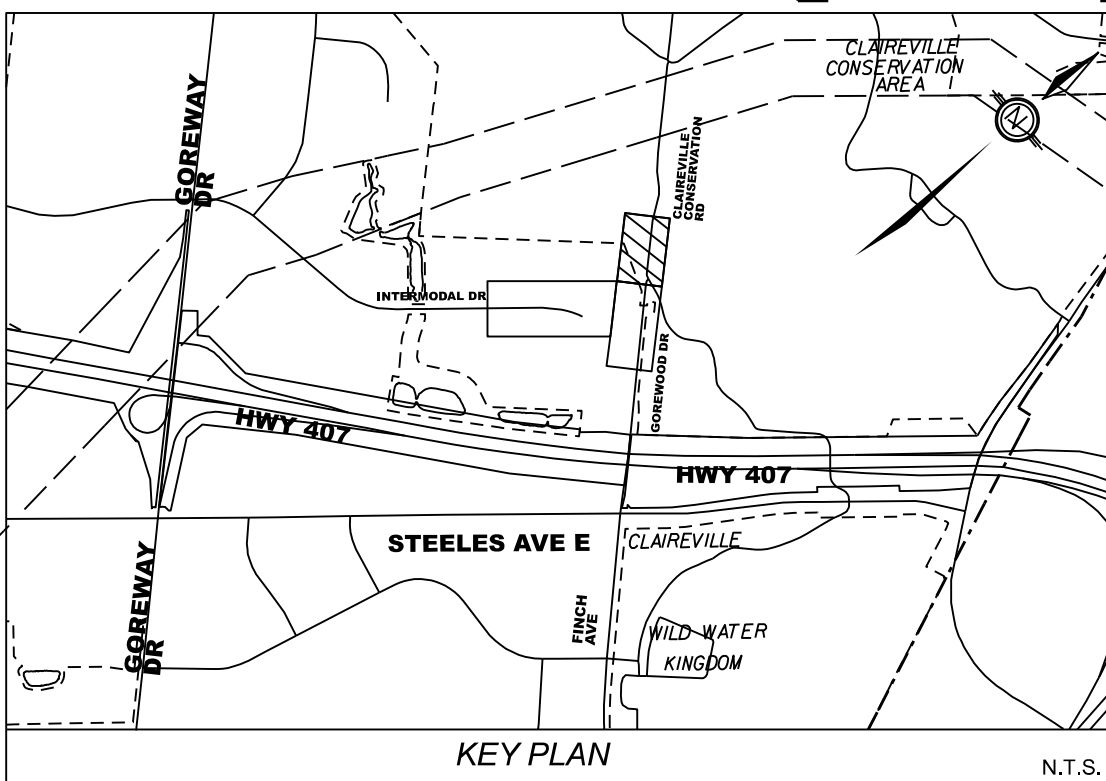
333 Preston Street - Suite 400
Ottawa ON K1S 5N4 Canada
tel 613 225 1311
www.arcadis.com

PROJECT	DWG. NO.		
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INTERMODAL DRIVE AND REGION OF
PEEL WATERMAIN EXTENSION TO
GOREWOOD DRIVE MUNICIPAL CLASS EA

STA 1+000 TO STA 1+280			
SURVEYED BY: L.P. (COB)	DATE: 2023.09.14	FILE NO. 23-3426-122	
DRAWN BY: L.C.V.	CHECKED BY: D.C.	DRAWING NO.	SHEET NO.
DESIGNED BY: L.C.V.	CHECKED BY: B.P.N.		01
SCALE: v 1:50 h 1:500	DATE: DECEMBER 15, 2025		

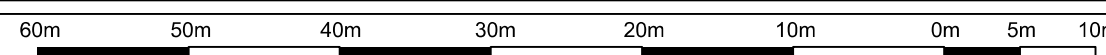




NOTES:

- 1. ALL EXIST. MM TOPS, GAS, WATER & OTHER APPURTENANCES TO BE ADJUSTED TO SUIT PROP GRADES
- 2. DCB & DEEDS TO BE 250mm, CB LEADS TO BE 200mm, UNLESS OTHERWISE NOTED
- 3. ALL EXISTING CPPTS WITHIN R.O. TO BE REMOVED UNLESS OTHERWISE NOTED
- 4. PROPOSED MEDIAN TO HAVE CONCRETE BARRIER CURB O.P.S.D. 400.080
- 5. ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED
- 6. FIELD PRIOR TO CONSTRUCTION
- 7. CITY REFERS TO THE CITY OF BRAMPTON
- 8. SEE DRAWINGS --- FOR DIMENSIONS
- 9. SEE DRAWINGS --- FOR REMOVALS
- 10. SEE DRAWINGS --- FOR TYPICAL CROSS SECTIONS
- 11. SEE DRAWINGS --- FOR PAVEMENT ELEVATION DETAILS
- 12. SEE DRAWINGS --- FOR PAVEMENT MARKING
- 13. SEE DRAWINGS --- FOR LANDSCAPING DRAWINGS
- 14. SEE DRAWINGS --- FOR WATERMAIN DRAWINGS
- 15. SEE DRAWINGS --- FOR STREET LIGHTING DRAWINGS

REFERENCE: *BENCH MARK F2-581 240.393m*
One story brick building, no. 42 Regan Road. Tablet is set in the southeast face of concrete foundation, 3.25m northeasterly of the southerly building corner and 0.15m above the sidewalk.



1.	LC	2025-12-15	30% Preliminary Design	BP
NO.	BY	DATE	REVISIONS	CHECK



Public Works & Engineering

Capital Works

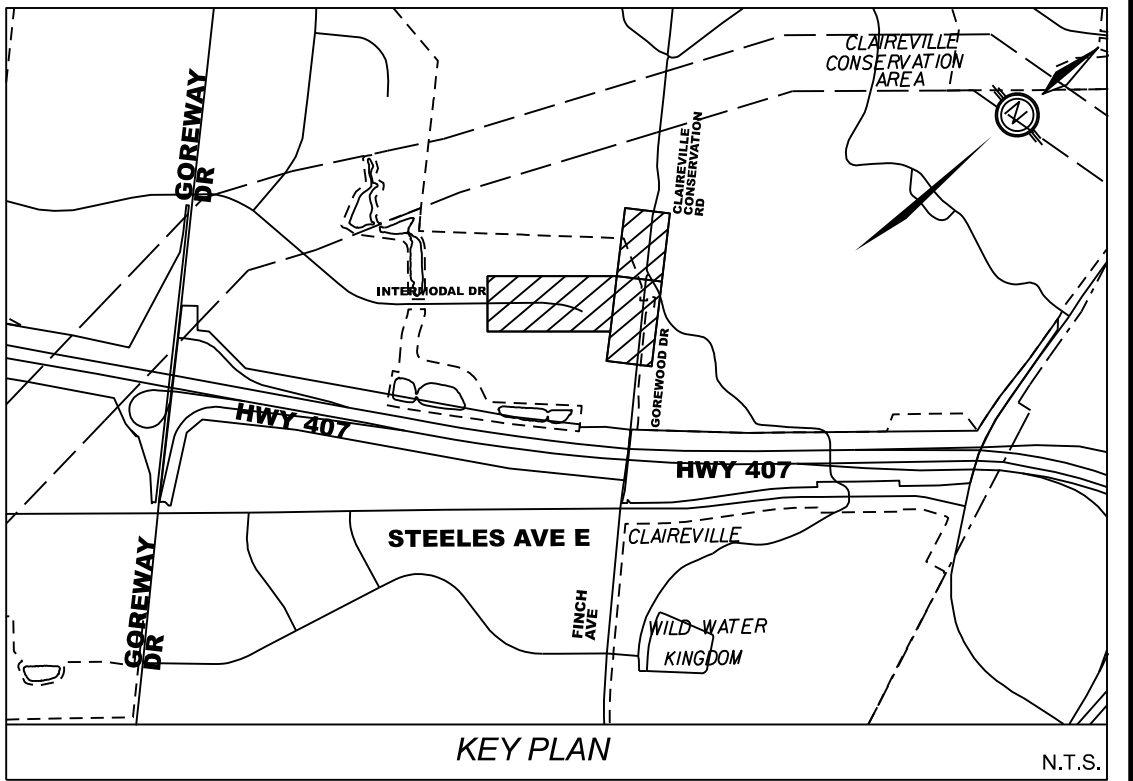
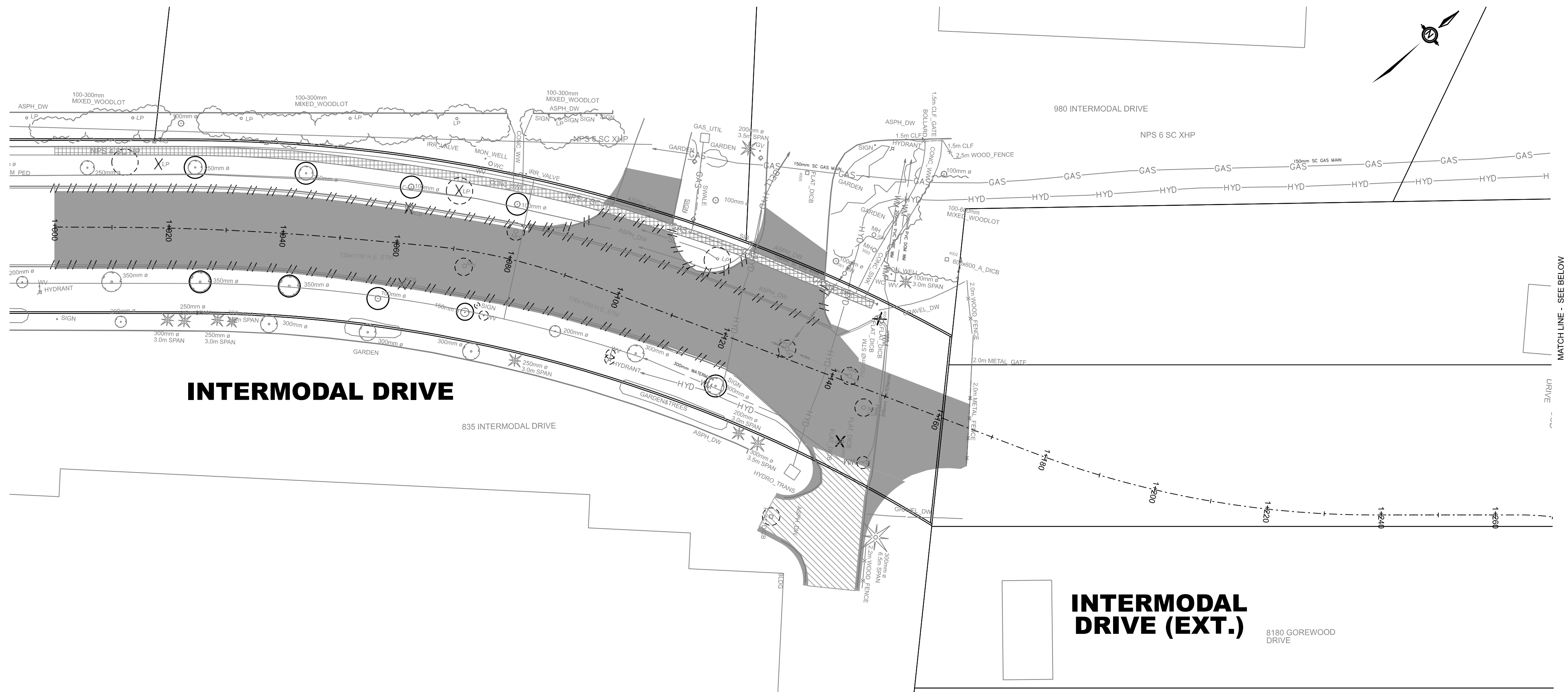


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**INTERMODAL DRIVE AND REGION OF
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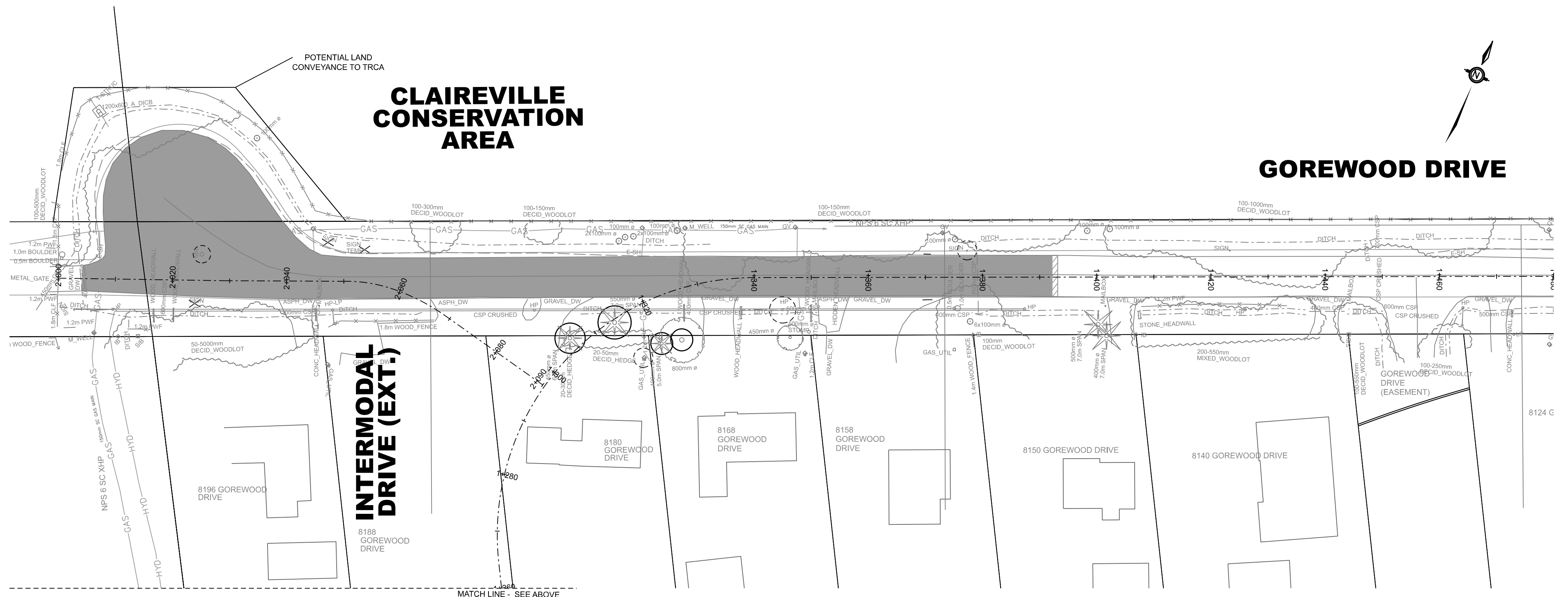
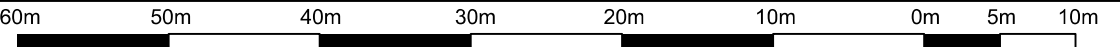
STA 2+000 TO STA 2+090

SURVEYED BY: L.P. (COB)		DATE: 2023.09.14	FILE NO. 23-3426-122
DRAWN BY: L.C.V.		CHECKED BY: D.C.	DRAWING NO. SHEET NO. 03
DESIGNED BY: L.C.V.		CHECKED BY: B.P.N.	
SCALE: v 1:50 h 1:500		DATE: DECEMBER 15, 2025	



- LEGEND:**
- PROPOSED REMOVAL
 - PROPOSED RELOCATION
 - PROPOSED TREE REMOVAL
 - PROPOSED FULL DEPTH ASPHALT REMOVAL
 - PROPOSED MILLING AND PLACEMENT OF 40mm HL1
 - EXISTING SIDEWALK REMOVAL

- NOTES:**
- ALL EXIST MH TOPS, GAS, WATER & OTHER APPURTENANCES TO BE ADJUSTED TO SUIT PROP GRADES
 - DOE & DISCHARGES TO BE 200mm. CS LEADS TO BE 200mm. UNLESS OTHERWISE NOTED
 - ALL EXISTING CSPS WITHIN R.O.W. TO BE REMOVED UNLESS OTHERWISE NOTED
 - PROPOSED MEANS TO HAVE CONCRETE BARRIER CURB O.P.S.D. 600.000
 - PROPOSED CONCRETE FULL STRIP MEDIAN SHALL BE DESIGNED TO 150mm CONCRETE 32MPa 200mm OF 20mm CRUSHER RUN LIMESTONE
 - ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND ARE TO BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION
 - FOR FINAL LAYOUT APPROVAL OF TRANSIT PAIDS PRIOR TO INSTALLATION, PLEASE CONTACT CHAD STONE AT (905) 874-3700 EXT 60377 OR CHRIS LAFLAUR EXT 60209
 - "CITY" REFERS TO THE CITY OF BRAMPTON
 - SEE DRAWINGS - - - FOR DIMENSIONS
 - SEE DRAWINGS - - - FOR REMOVALS
 - SEE DRAWING - - - FOR TYPICAL CROSS SECTIONS
 - SEE DRAWINGS - - - FOR PAVEMENT ELEVATION DETAILS
 - SEE DRAWINGS - - - FOR PAVEMENT MARKINGS AND SIGNAGE
 - SEE DRAWINGS - - - FOR LANDSCAPING DRAWINGS
 - SEE DRAWINGS - - - FOR STRUCTURAL DRAWINGS
- REFERENCE:** BENCH MARK F2-581 240.393m
One story brick building, no. 42 Regan Road. Tablet is set in the southeast face of concrete foundation, 3.25m northeasterly of the southerly building corner and 0.15m above the sidewalk.



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1	LC	2025-12-15	30% Preliminary Design	BPN

BRAMPTON
Flower City

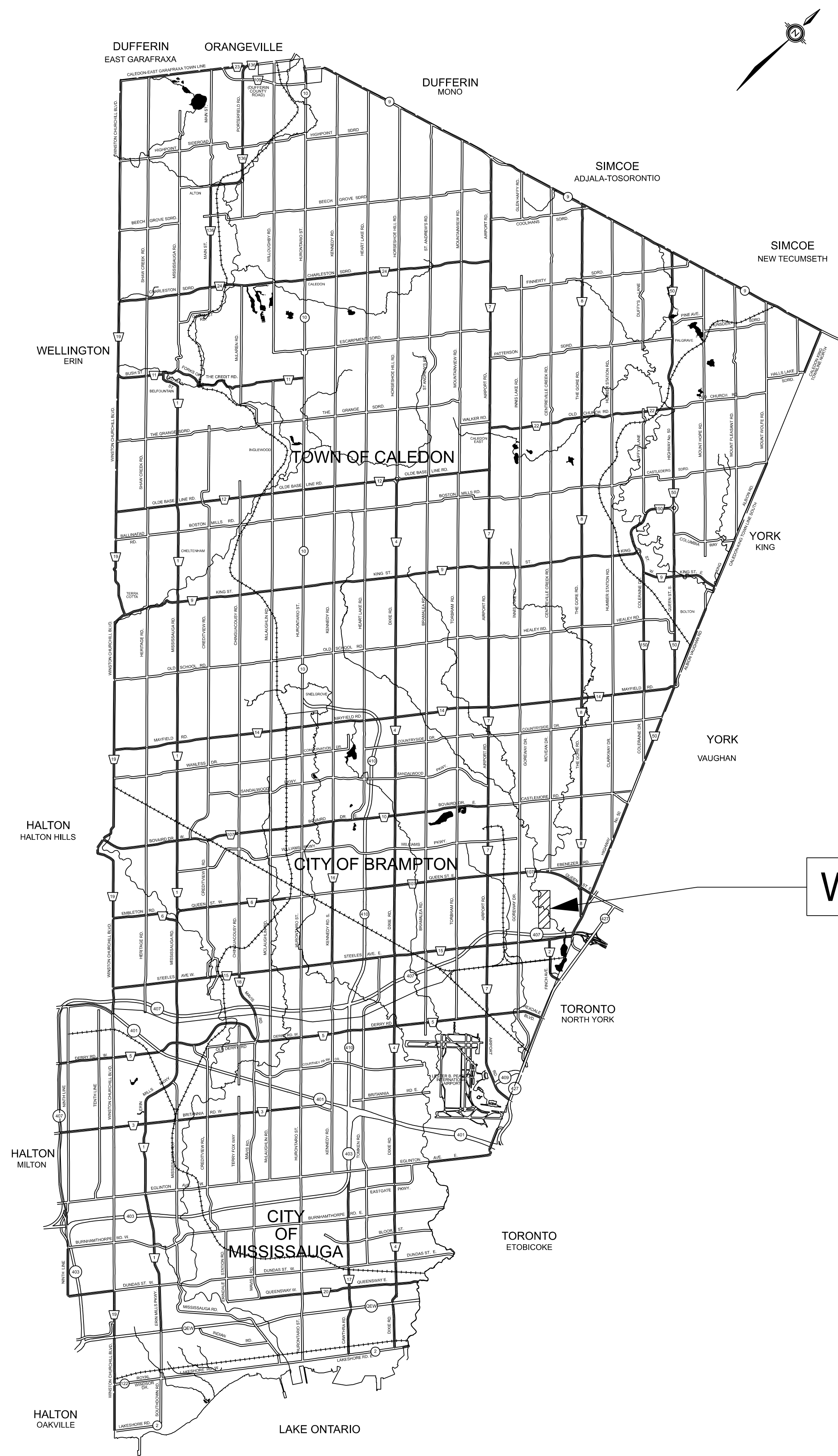
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INTERMODAL DRIVE AND REGION OF PEEL WATERMAIN EXTENSION TO GOREWOOD DRIVE MUNICIPAL CLASS EA

REMOVALS					
SURVEYED BY: L.P. (COB)		DATE: 2023.09.14		FILE NO. 23-3426-122	
DRAWN BY: L.C.V.		CHECKED BY: D.C.		DRAWING NO. xx-8-xx	SHEET NO. 4
DESIGNED BY: L.C.V.		CHECKED BY: B.P.N.			
SCALE: h 1:500		DATE: DECEMBER 15, 2025			



PROJECT No. 00-0000

PROPOSED 300mm WATERMAIN

EXTENSION

INTERMODAL DRIVE

ISSUED FOR 30%
DESIGN REVIEW

DECEMBER 15, 2025



ABBREVIATIONS			
ABD	ABANDONED	M.O.E.	MINISTRY OF ENVIRONMENT
ARCH	ARCHITECTURAL	MIN	MINIMUM
AV	AIR VALVE	MAX	MAXIMUM
B	BELL	MB	MAIL BOX
BH	BORE HOLE	MH	MAINTENANCE HOLE
BOL	BOLLARD	NO.	NUMBER
BV	BUTTERFLY VALVE	PB	POWER BOX
C.E.	COVER ELEVATION	PE	POLYETHYLENE
C.I.	CAST IRON	PLYRSN	POLY RESIN
C/L	CENTERLINE	PROP	PROPERTY
CLR	CLEARANCE	PVC	POLYVINYL CHLORIDE
CLF	CHAIN LINK FENCE	RCP	REINFORCED CONCRETE PRESSURE PIPE
CB	CATCH BASIN	RCCP	REINFORCED CONCRETE CYLINDER PIPE
CONC	CONCRETE	SAN	SANITARY SEWER
COP	COPPER	SL	STREET LIGHT
CPP	CONCRETE PRESSURE PIPE	ST	STEEL
CSP	CORRUGATED STEEL PIPE	STA	STATION
C/W	COMPLETE WITH	STM	STORM SEWER
D.I.	DUCTILE IRON	TL	TRAFFIC LIGHT
DIA	DIAMETER	TMH	TELECOMMUNICATIONS MANHOLE
DV	DRAIN VALVE	TPZ	TREE PROTECTION ZONE
EX	EXISTING	TRCA	TORONTO REGION CONSERVATION AUTHORITY
FH	FIRE HYDRANT	TV	TELEVISION
FM	FORCE MAIN	V. DEFL	VERTICAL DEFLECTION
FOC	FIBRE OPTIC CABLE	VB	VALVE BOX
H	HYDRO	VC	VALVE CHAMBER
H. DEFL	HORIZONTAL DEFLECTION	VIT	VITREOUS CLAY
HP	HYDRO POLE	WM	WATER MAIN
G	GAS MAIN	WV	WATER VALVE
GV	GATE VALVE	WK	WATER KEY
IB	IRON BAR	WS	WATER SERVICES
I.E.	INVERT ELEVATION	BM	BENCHMARK
LS	LIGHT STANDARD		
LSHP	LIGHT STANDARD HYDRO POLE		

LEGEND OF SYMBOLS			
	PROPOSED WATERMAIN		CUT AND PLUG
	PROPOSED SANITARY		STANDARD IRON BAR
	EXISTING WATERMAIN		IRON BAR
	EXISTING SANITARY PIPE		ROUND IRON BAR
	EXISTING STORM PIPE		SURVEY MONUMENT
	EXISTING GAS MAIN		SLOPE
	EXISTING BELL LINE		FIRE HYDRANT
	EXISTING CABLE LINE		FIRE HYDRANT VALVE
	EXISTING REGION FIBRE OPTICS LINE		ELECTRICAL JUNCTION BOX
	EXISTING PEEL FIBRE OPTICS LINE		LIGHT STANDARD
	EXISTING HYDRO LINE		BELL MANHOLE
	PROPOSED AI U/G CONDUCTOR		SANITARY MANHOLE
	MISCELLANEOUS TREE		STORM MANHOLE
	BOLLARD		BELL PEDESTAL
	HYDRO LIGHT POLE		CABLE TV PEDESTAL
	HYDRO POLE		RAILWAY SIGNALS
	ELECTRICAL HAND WELL		STOP SIGN
	CURB STOP WATER SERVICE		TRAFFIC LIGHT
	DOUBLE CATCH BASIN		TRAFFIC SIGN - OTHER
	DITCH INLET CATCH BASIN		
	BOREHOLE		
	FLAG POLE		
	FENCE GATE		
	GAS MARKER		
	TV MARKER		
	DISABILITY/WHEELCHAIR		
	HORIZONTAL CONTROL MONUMENT		

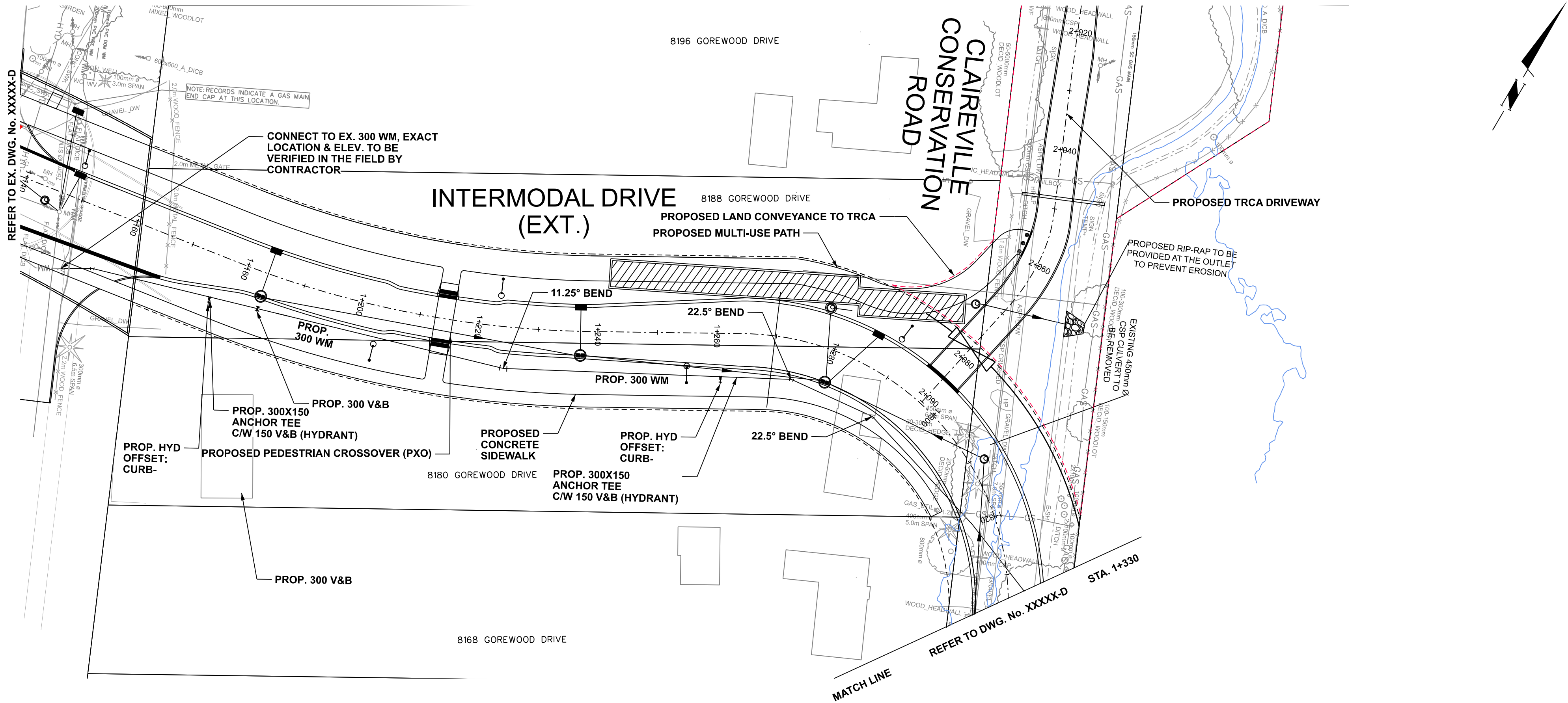
NOTES: WATERMAIN

- ALL COPPER (LESS THAN 25mm), GALVANIZED & LEAD WATER SERVICES ARE TO BE REPLACED WITH 25mm TYPE 'K' COPPER FROM THE NEW WATERMAIN TO THE STREET LINE COMPLETE WITH A NEW SERVICE BOX AT STREET LINE. ALL W/S MUST HAVE A MIN. OF 1.7m COVER ON CURB AND GUTTER ROADS AND A MINIMUM OF 2.1m COVER ON UNIMPROVED ROADS, AS INDICATED ON THE DRAWINGS. IF W/S CONFLICTS WITH SEWERS AND/OR EXISTING WATERMAIN W/S HAS TO BE INSTALLED UNDER SEWER AND/OR WATERMAIN WITH A MINIMUM OF 300mm CLEARANCE. REMOVE & DISPOSE OF EXISTING WATER SERVICE BOXES.
- INSTALL MECHANICAL PLUG AND GROUT ABANDON WATERMAIN.
- 50mm TEMP. BLOW-OFF AND/OR RISER PIPE FOR SWABBING OF THE WATERMAIN IS/ARE TO BE LOCATED IN THE BOULEVARD.
- INSTALL TEMP. PLUG & B.O. AT END OF EACH PIPE FOR TESTING.
- THRUST RESTRAINTS AT VERTICAL AND HORIZONTAL BENDS AND HORIZONTAL BLOCKING FOR PLUGS, CAPS AND TEES ON CONNECTIONS TO EXISTING WATERMAIN SYSTEM AS PER STD. DWGS 1-5-4, 1-5-5, 1-5-6 AND 1-5-7.
- RESTRAINED JOINT LOCATIONS FOR NEW WATERMAIN INSTALLATION SHALL CONFORM TO CONTRACT DRAWINGS AND STD. DWG.1-5-9.
- MAINTAIN ALL SEWER & WATERMAIN CROSSING AT MINIMUM 500mm BELOW PIPE INVERT AND/OR MINIMUM 300mm ABOVE PIPE OBVERT.
- HYDRANTS SHALL CONFORM TO STD. DWG 1-6-1.
- NEW HYDRANT OFFSET TO BE DETERMINED IN THE FIELD. MIN. 1.5 m O/S TO BELL AND HYDRO.
- WATER SERVICES SHALL CONFORM TO STD DWG 1-7-1.
- WATERMAIN UP TO AND INCLUDING 300mm DIAMETER SHALL BE PVC DR18/AWWA C900 AS INDICATED.
- INSTALL W/S BY BORING UNDER PAVEMENT, TREES AND SHRUBS, UNLESS OTHERWISE NOTED.
- TESTING AND COMMISSIONING SHALL BE UNDERTAKEN PER THE REGION'S STANDARD SPECIFICATIONS FOR WATERMAIN VOL. 2-2.
- 12 GAUGE TWU STRANDED COPPER, LIGHT COLOURED PLASTIC COATED TRACER WIRE MUST BE INSTALLED WITH AND ALONG THE PIPE AND BROUGHT TO THE SURFACE AT EACH VALVE BOX/CHAMBER AND HYDRANT (AROUND PORT). TRACER WIRE IS TO BE ATTACHED TO THE PIPE BY MEANS OF TAPE.
- THE WATERMAIN ALIGNMENT MAY BE ALTERED IN THE FIELD TO ENSURE MINIMUM 500mm SEPARATION FROM SEWERS.
- LOCATIONS OF UTILITIES SHOWN ON THE PLAN AND PROFILE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATIONS OF UTILITIES IN THE FIELD.
- CATCH BASINS TO BE MAINTAINED DURING CONSTRUCTION UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PROTECTION AND TEMPORARY RELOCATION OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO AND DURING CONSTRUCTION.
- CONTRACTOR SHALL NOT REMOVE OR DAMAGE ANY TREE UNLESS THEY ARE INDICATED AS REMOVAL ITEMS ON THE DRAWINGS.
- CONTRACTOR SHALL MAINTAIN FLOW IN ALL EXISTING WATER SERVICES DURING CONSTRUCTION.
- ALL BACKFILL ON TRAVELLED PORTION OF THE RIGHT OF WAY TO BE GRAN. "B" BACKFILL AND BE COMPACTED TO MIN. 100% STD. PROCTOR DENSITY.
- ALL AREAS DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THE RESTORATION REQUIREMENTS AS SPECIFIED OR OTHERWISE TO THE ORIGINAL CONDITIONS.
- CONTRACTOR TO VERIFY DEGREE OF BEND REQUIRED FOR WATERMAIN DURING CONSTRUCTION LAYOUT AND TO SHOW REVISIONS ON SHOP DRAWINGS.
- NEW WATERMAINS TO BE CHLORINATED, PRESSURE TESTED AND BACTERIOLOGICALLY TESTED PRIOR TO CONNECTING TO THE EXISTING SYSTEM. CONTRACTOR IS TO PROVIDE ALL THE NECESSARY VALVES, FITTINGS, BLOW-OFF, PLUGS, ETC. EITHER TEMPORARY OR PERMANENTLY, REQUIRED TO UNDERTAKE THIS WORK. SAMPLING OF THE WATERMAIN WILL BE PERFORMED BY THE REGION. ALL OTHER TESTING SHALL BE CARRIED OUT BY A COMPANY SPECIALIZED IN THE FIELD AND APPROVED BY THE REGION.
- BOREHOLE LOG INFORMATION AS SHOWN ON DRAWINGS IS FOR INFORMATION PURPOSES ONLY. REFER TO THE GEOTECHNICAL INVESTIGATION REPORT FOR DETAILED GEOTECHNICAL INFORMATION.
- ANY JOINT DEFLECTION SHALL BE 50 PERCENT OF THE PIPE MANUFACTURER'S SPECIFICATIONS. PIPE BARREL DEFLECTION IS PROHIBITED WHEN USING PVC PIPE.
- MAINTAIN 600mm HORIZONTAL SEPARATION FROM ANY BELL PLANT. HAND DIG WHEN WORKING WITHIN 1.0m OF AND WHEN CROSSING ANY BELL PLANT
- MAINTAIN 600mm HORIZONTAL AND VERTICAL SEPARATION FROM ANY GAS MAIN FOR OPEN CUT.
- MAINTAIN 1.0m HORIZONTAL SEPARATION FROM ANY GAS MAIN FOR BORING.
- MAINTAIN 600mm VERTICAL CLEARANCE FROM ANY HYDRO PLANT.
- SUPPORT, PROTECT AND MAINTAIN EXISTING FENCE DURING WATER SERVICES INSTALLATIONS USING VACTOR EXCAVATIONS AS REQUIRED.
- PROTECT AND AND SUPPORT EXISTING LIGHT STANDARDS, TS POLES USING CITY APPROVED VENDOR AS REQUIRED FOR WATERMAIN AND WATER SERVICES INSTALLATIONS

REVISIONS		
DATE	DETAILS	INIT.
DECEMBER 15, 2025	ISSUED FOR 30% REVIEW	B.P.

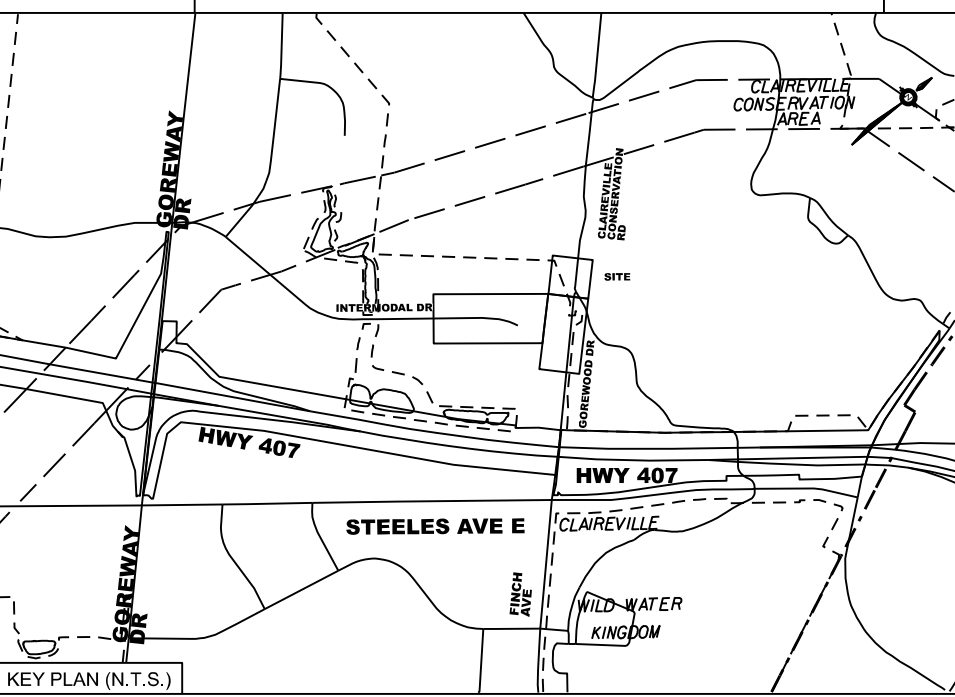


Designed by _____		Approved by _____	
Chkd. _____		_____	
 Region of Peel working with you			
INTERMODAL DRIVE PROP. 300 mm WATERMAIN ABBREVIATIONS LIST AND LEGEND			
CAD Area	XXXX	Area	XXXX
Checked by	D.C.	Drawn by	D.C.
Date	DECEMBER 2025	Sheet	01 of 03
		Project No.	XX-XXXX
		Plan No.	XXXXX



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS	JAN. 00, 20XX	X.X.	GAS MAINS	JAN. 00, 20XX	X.X.
STORM SEWERS	JAN. 00, 20XX	X.X.	BELL U/G CABLE	JAN. 00, 20XX	X.X.
WATERMAINS	JAN. 00, 20XX	X.X.	HYDRO U/G CABLE	JAN. 00, 20XX	X.X.
TRANSIT	JAN. 00, 20XX	X.X.	HYDRO ONE	JAN. 00, 20XX	X.X.
PARKS & REC.	JAN. 00, 20XX	X.X.	CTV	JAN. 00, 20XX	X.X.
ONT. CLEAN WATER	JAN. 00, 20XX	X.X.	COMMUNIC. CABLES	JAN. 00, 20XX	X.X.

REVISIONS		
DATE	DETAILS	INIT.
DECEMBER 15, 2025	ISSUED FOR 30% REVIEW	B.P.



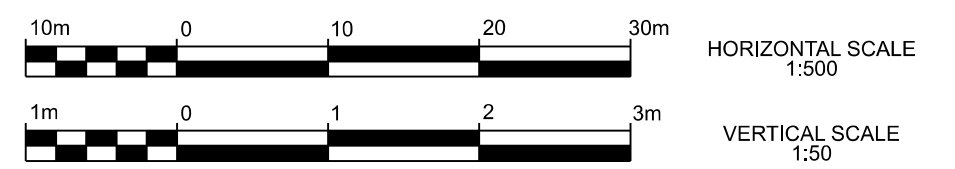
- NOTES:**
- FOR GENERAL NOTES, DETAILS AND LEGEND SEE DWG. WM02-D
 - WHERE WATER SERVICES CROSS EXISTING STORM AND SANITARY SEWERS, WATER SERVICES SHALL BE INSTALLED WITH MIN. 1.7m COVER; WHERE MIN. 1.7m COVER CAN NOT BE MAINTAINED, THE VENDOR SHALL INSTALL THE WATER SERVICE UNDER THE STORM OR SANITARY MAIN WITH A MIN. 0.5m VERTICAL CLEARANCE FROM SEWERS.
 - WHERE EXISTING WATERMAIN AT SIMILAR ELEVATION TO PROPOSED WATERMAIN, WATER SERVICES TO GO UNDER EXISTING WATERMAIN WITH A MIN. 0.5m VERTICAL CLEARANCE FROM EXISTING WATERMAIN WHERE 1.7m WATER SERVICE DEPTH CAN NOT BE ACCOMMODATED.
 - CONTRACTOR TO LOCATE AND VERIFY ALL EX. WATER SERVICES.
 - FOR ALL NEW HYDRANTS, MAINTAIN A MIN. OFFSET OF 0.5m FROM BACK OF CURBS, EDGE OF SIDEWALK, PROPERTY LINE AND 1.0m FROM DRIVEWAYS.
 - ALL HYDRANTS TO BE INSTALLED AT A MIN. 2m OFFSET FROM TREE TRUNKS. HYDROVACTORING IS REQUIRED WHEN INSTALLING HYDRANT IN TREE DRIP LINE.

THIS DRAWING TO BE USED FOR WATERMAIN CONSTRUCTION ONLY

General Notes	
All Measurements Are In Meters(m) Unless Otherwise Noted All Driveways Are ASPHALT Unless Otherwise Noted All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field All Horizontal And Vertical Bends Are In Degrees All Pipes Size In mm 20C Existing Water Service, Size In mm WS25(S) Proposed Short Water Service, Size In mm WS25(L) Proposed Long Water Service, Size In mm	Agency: B.M. No. Elav. XXXXXX (Geodetic) Coordinate System: UTM NAD83 (Original) The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only, To Be Verified In Field By Contractor.

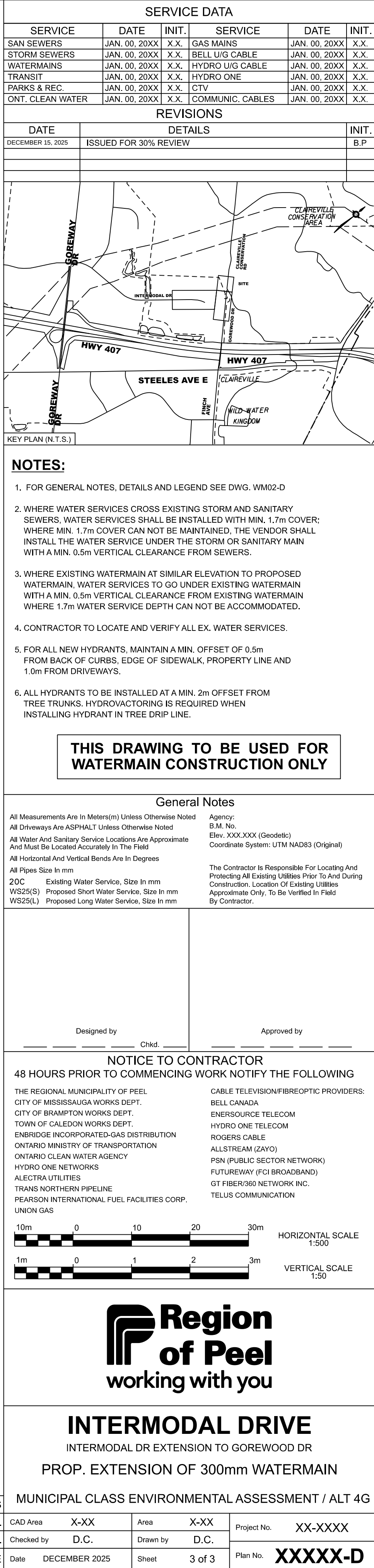
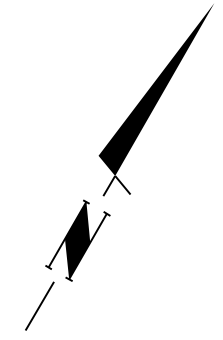
Designed by _____	Chkd _____	Approved by _____
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NOTICE TO CONTRACTOR	
48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING	
THE REGIONAL MUNICIPALITY OF PEEL CITY OF MISSISSAUGA WORKS DEPT. CITY OF BRAMPTON WORKS DEPT. TOWN OF CALEDON WORKS DEPT. ENBRIDGE INCORPORATED-GAS DISTRIBUTION ONTARIO MINISTRY OF TRANSPORTATION ONTARIO CLEAN WATER AGENCY HYDRO ONE NETWORKS ALECTRA UTILITIES TRANS NORTHERN PIPELINE PEARSON INTERNATIONAL FUEL FACILITIES CORP. UNION GAS	CABLE TELEVISION/FIBROPTIC PROVIDERS: BELL CANADA ENERSOURCE TELECOM HYDRO ONE TELECOM ROGERS CABLE ALLSTREAM (ZAYO) PSN (PUBLIC SECTOR NETWORK) FUTUREWAY (FCI BROADBAND) GT FIBER360 NETWORK INC. TELUS COMMUNICATION



INTERMODAL DRIVE
INTERMODAL DR EXTENSION TO GOREWOOD DR
PROP. EXTENSION OF 300mm WATERMAIN
MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT / ALT 4G

										RESTRAINED JOINTS	
000.00	000.00	000.00	000.00	000.00	000.00	000.00	000.00	000.00	000.00	000.00	BOT.EL. OF WM.
000.00	000.00	000.00	000.00	000.00	000.00	000.00	000.00	000.00	000.00	000.00	EX. ROAD ELEV.
1+120	1+140	1+160	1+180	1+200	1+220	1+240	1+260	1+280	1+320	1+340	ROAD CHAINAGE



SERVICE DATA					
SERVICE	DATE	INIT.	SERVICE	DATE	INIT.
SAN SEWERS	JAN. 00, 20XX	X.X.	GAS MAINS	JAN. 00, 20XX	X.X.
STORM SEWERS	JAN. 00, 20XX	X.X.	BELL U/G CABLE	JAN. 00, 20XX	X.X.
WATERMAINS	JAN. 00, 20XX	X.X.	HYDRO U/G CABLE	JAN. 00, 20XX	X.X.
TRANSIT	JAN. 00, 20XX	X.X.	HYDRO ONE	JAN. 00, 20XX	X.X.
PARKS & REC.	JAN. 00, 20XX	X.X.	CTV	JAN. 00, 20XX	X.X.
OPEN, CLEAN WATER	JAN. 00, 20XX	X.X.	COMMUNIC. CABLES	JAN. 00, 20XX	X.X.

REVISIONS		
DATE	DETAILS	INIT.
DECEMBER 15, 2025	ISSUED FOR 30% REVIEW	B.P.

NOTES:

- FOR GENERAL NOTES, DETAILS AND LEGEND SEE DWG. WM02-0
- WHERE WATER SERVICES CROSS EXISTING STORM AND SANITARY SEWERS, WATER SERVICES SHALL BE INSTALLED WITH MIN. 1.7m COVER; WHERE MIN. 1.7m COVER CAN NOT BE MAINTAINED, THE VENDOR SHALL INSTALL THE WATER SERVICE UNDER THE STORM OR SANITARY MAIN WITH A MIN. 0.5m VERTICAL CLEARANCE FROM SEWERS.
- WHERE EXISTING WATERMAIN AT SIMILAR ELEVATION TO PROPOSED WATERMAIN, WATER SERVICES TO GO UNDER EXISTING WATERMAIN WITH A MIN. 0.5m VERTICAL CLEARANCE FROM EXISTING WATERMAIN WHERE 1.7m WATER SERVICE DEPTH CAN NOT BE ACCOMMODATED.
- CONTRACTOR TO LOCATE AND VERIFY ALL EX. WATER SERVICES.
- FOR ALL NEW HYDRANTS, MAINTAIN A MIN. OFFSET OF 0.5m FROM BACK OF CURBS, EDGE OF SIDEWALK, PROPERTY LINE AND 1.0m FROM DRIVEWAYS.
- ALL HYDRANTS TO BE INSTALLED AT A MIN. 2m OFFSET FROM TREE TRUNKS, HYDROACTORING IS REQUIRED WHEN INSTALLING HYDRANT IN TREE DRIP LINE.

THIS DRAWING TO BE USED FOR WATERMAIN CONSTRUCTION ONLY

General Notes

All Measurements Are in Meters(m) Unless Otherwise Noted

All Driveways Are ASPHALT Unless Otherwise Noted

All Water And Sanitary Service Locations Are Approximate And Must Be Located Accurately In The Field

All Horizontal And Vertical Bends Are In Degrees

All Pipes Size In mm

20C Existing Water Service, Size In mm

WS25(S) Proposed Short Water Service, Size In mm

WS25(L) Proposed Long Water Service, Size In mm

Agency:
B.M. No.
Elev. XXX.XXX (Geodetic)
Coordinate System: UTM NAD83 (Original)

The Contractor Is Responsible For Locating And Protecting All Existing Utilities Prior To And During Construction. Location Of Existing Utilities Approximate Only. To Be Verified In Field By Contractor.

Designed by _____

Chkd. _____

Approved by _____

NOTICE TO CONTRACTOR

48 HOURS PRIOR TO COMMENCING WORK NOTIFY THE FOLLOWING

THE REGIONAL MUNICIPALITY OF PEELE
CITY OF MISSISSAUGA WORKS DEPT.
CITY OF BRAMPTON WORKS DEPT.
TOWN OF CALEDON WORKS DEPT.
ENBRIDGE INCORPORATED-GAS DISTRIBUTION
ONTARIO MINISTRY OF TRANSPORTATION
ONTARIO CLEAN WATER AGENCY
HYDRO ONE NETWORKS
ALECTRA UTILITIES
TRANS NORTHERN PIPELINE
PEARSON INTERNATIONAL FUEL FACILITIES CORP.
UNION GAS

CABLE TELEVISION/FIBREOPTIC PROVIDERS:
BELL CANADA
ENERSOURCE TELECOM
HYDRO ONE TELECOM
ROGERS CABLE
ALLSTREAM (ZAYO)
PSN (PUBLIC SECTOR NETWORK)
FUTUREWAY (FQ1 BROADBAND)
GT FIBER/360 NETWORK INC.
TELUS COMMUNICATION

HORIZONTAL SCALE
1:500

VERTICAL SCALE
1:50

Region of Peel
working with you

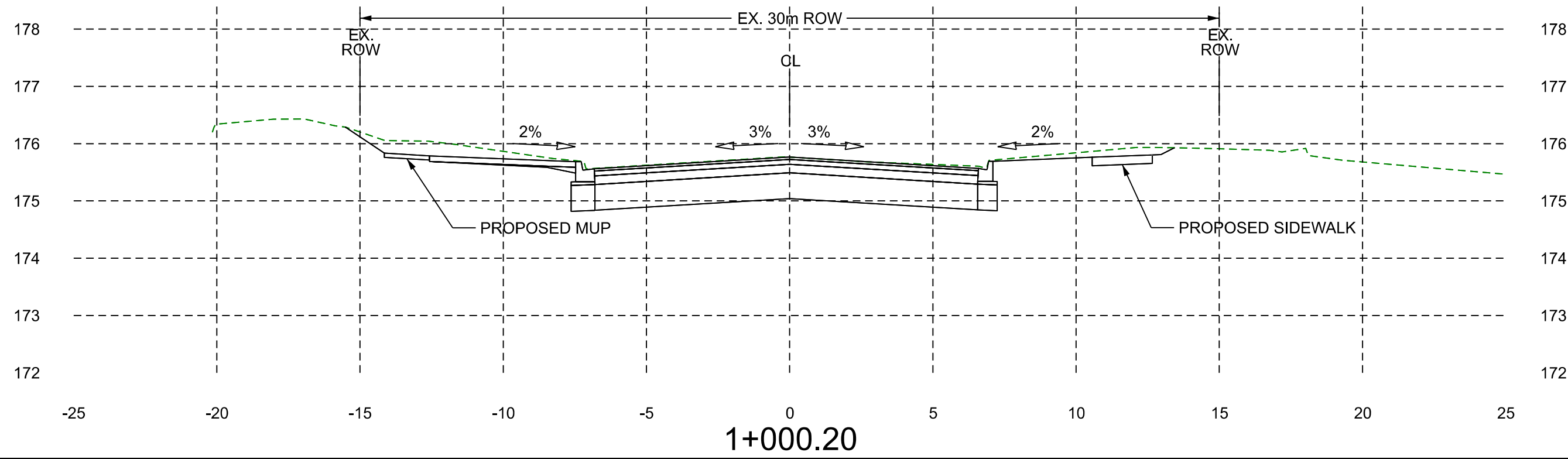
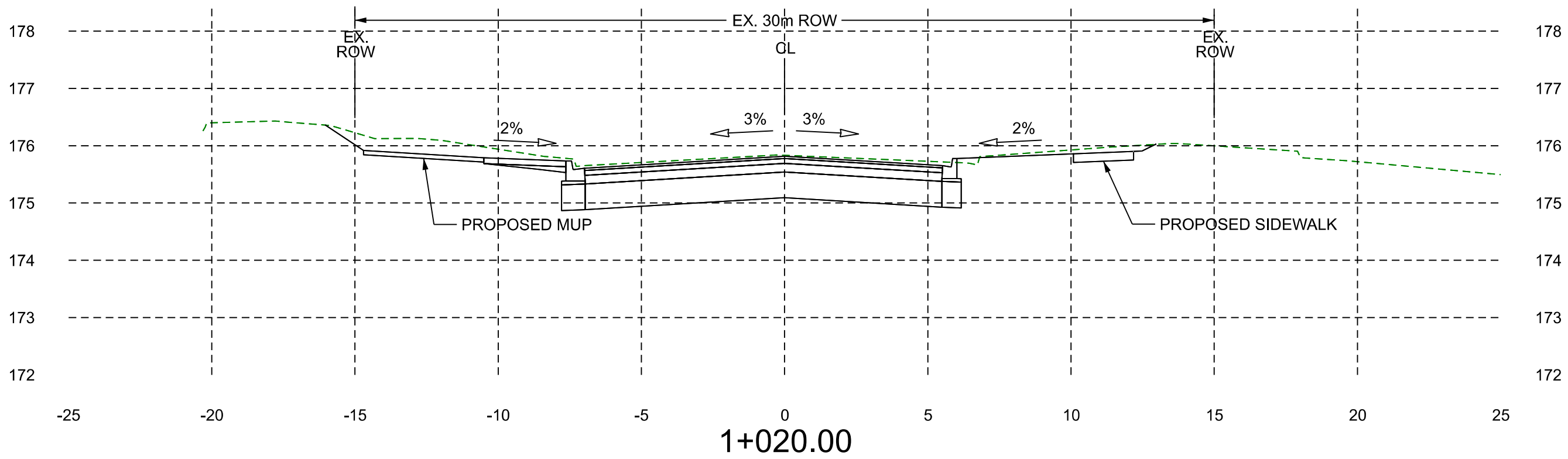
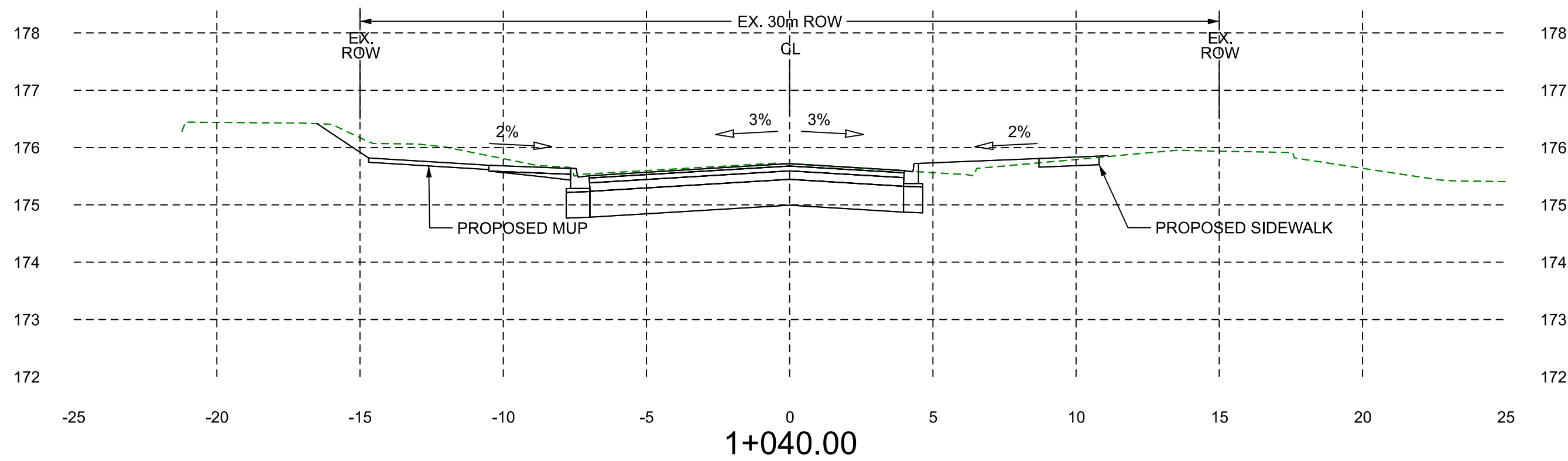
INTERMODAL DRIVE

INTERMODAL DR EXTENSION TO GOREWOOD DR

PROP. EXTENSION OF 300mm WATERMAIN

MUNICIPAL CLASS ENVIRONMENTAL ASSESSMENT / ALT 4G

CAD Area	X-XX	Drawn	X-XX	Project No.	XX-XXXX
Checked by	D.C.	Area by	D.C.	Plan No.	XXXXX-D
Date	DECEMBER 2025	Sheet	3 of 3		





BRAMPTON
Flower City

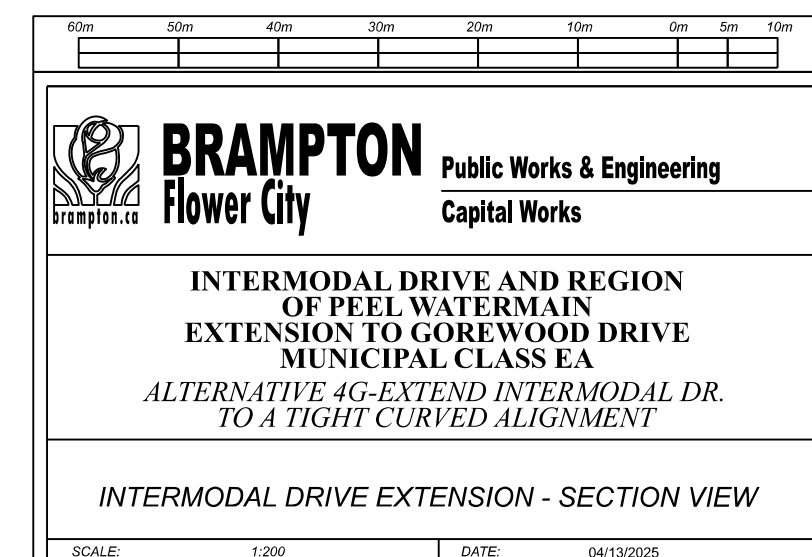
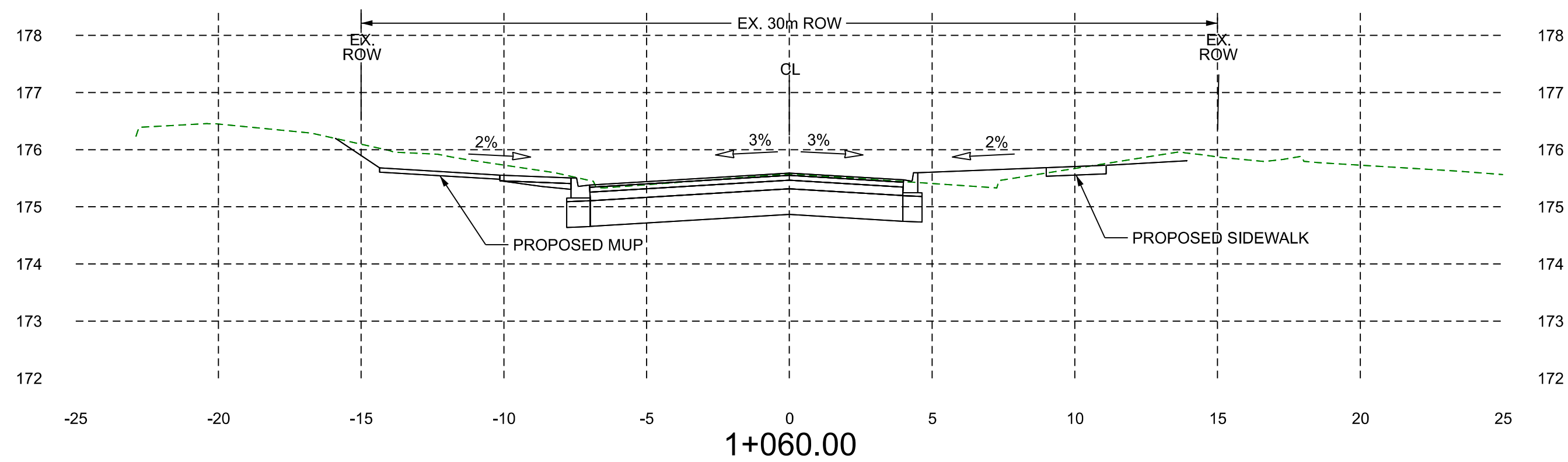
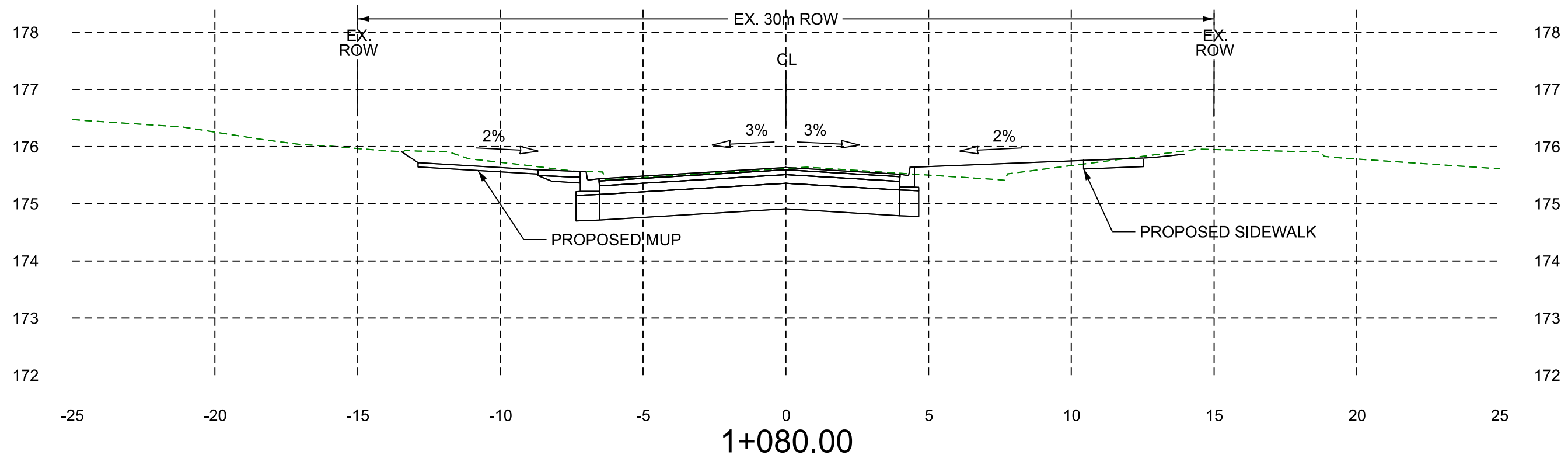
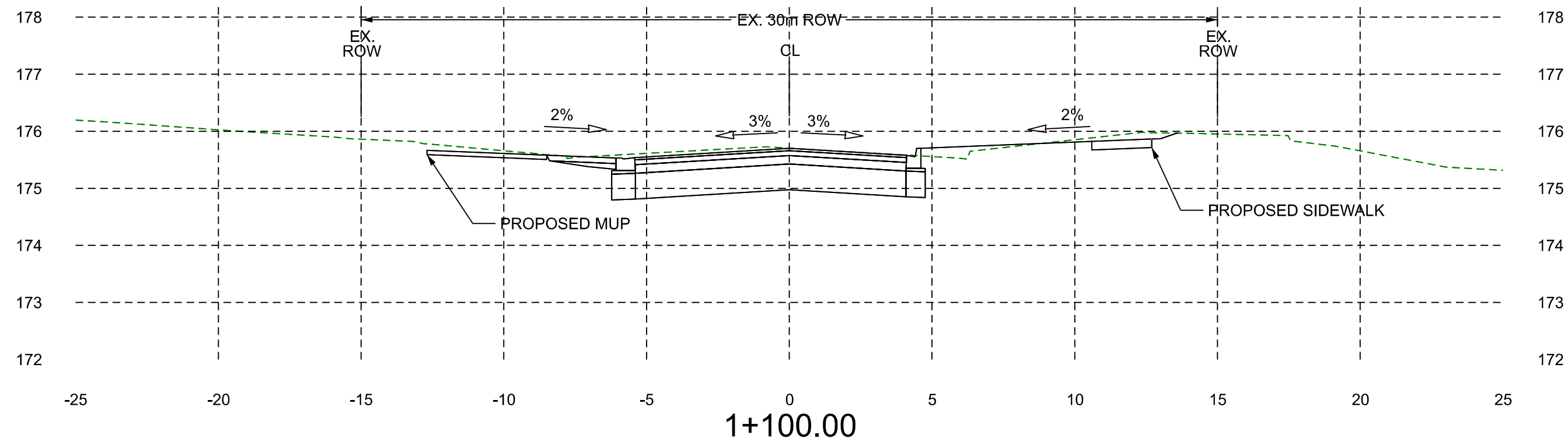
Public Works & Engineering
Capital Works

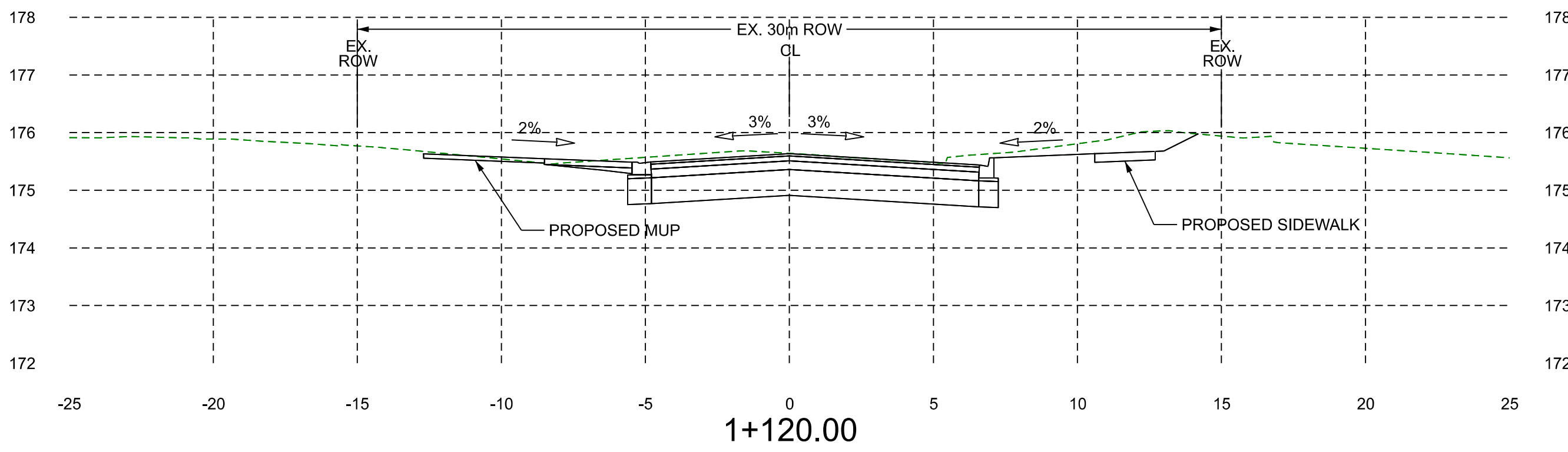
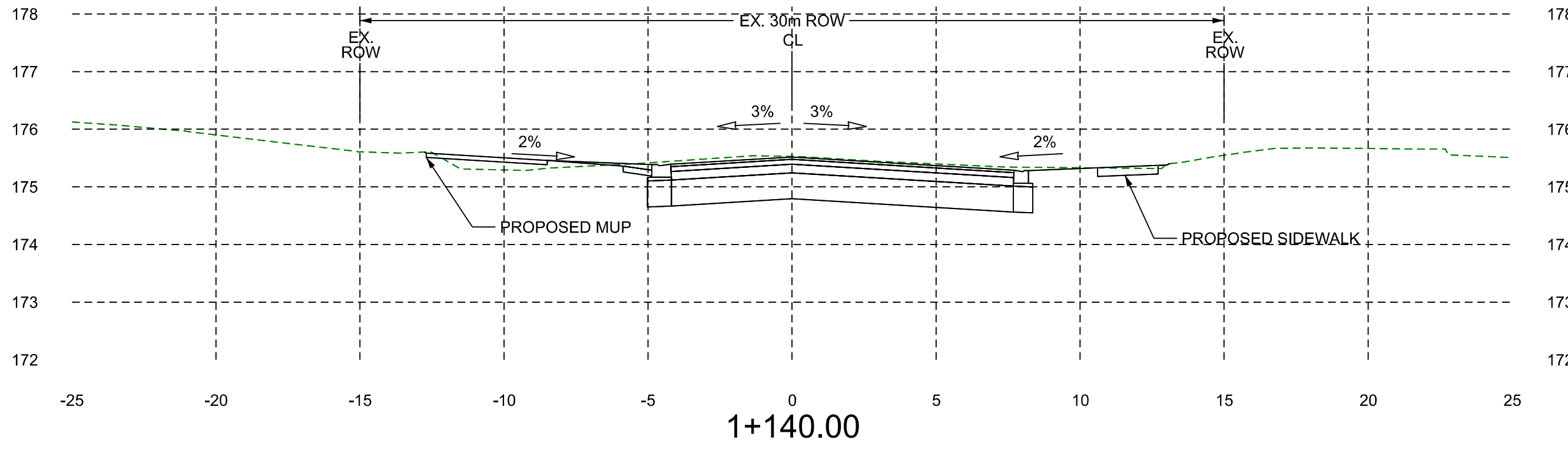
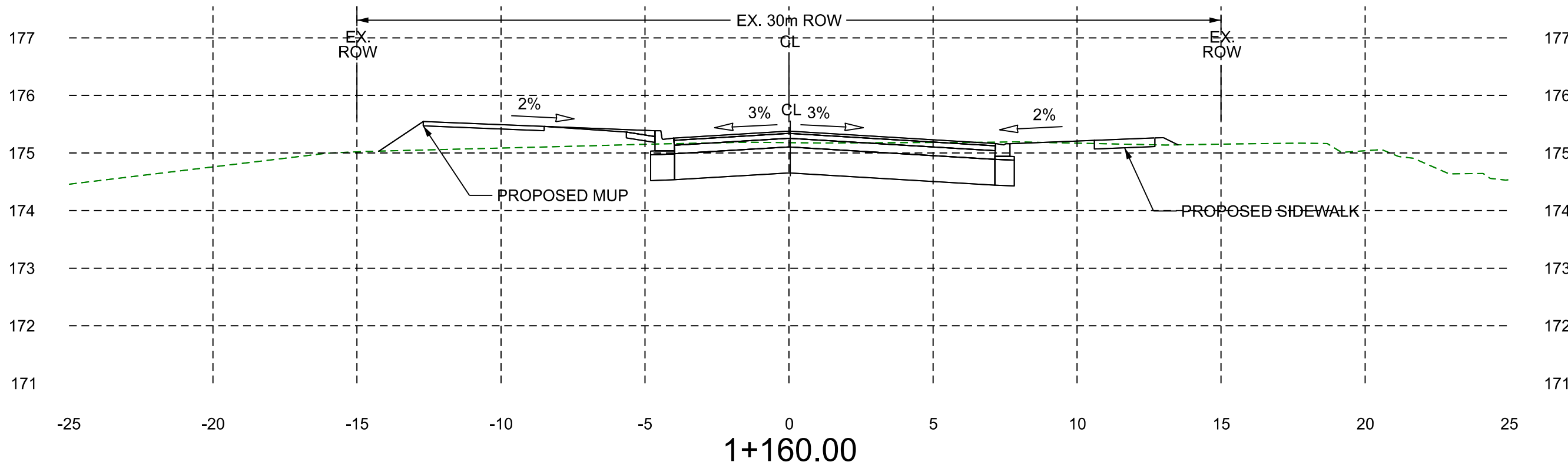
INTERMODAL DRIVE AND REGION
OF PEEL WATERMAIN
EXTENSION TO GOREWOOD DRIVE
MUNICIPAL CLASS EA
ALTERNATIVE 4G-EXTEND INTERMODAL DR.
TO A TIGHT CURVED ALIGNMENT

INTERMODAL DRIVE EXTENSION - SECTION VIEW

SCALE: 1:200

DATE: 04/13/2025





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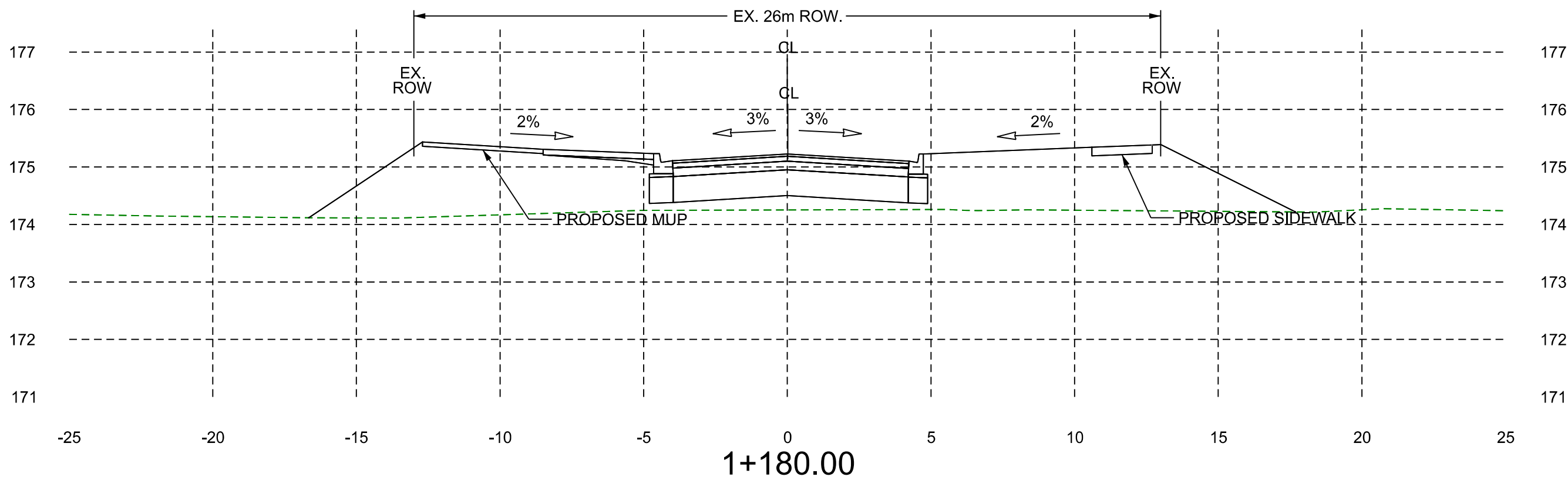
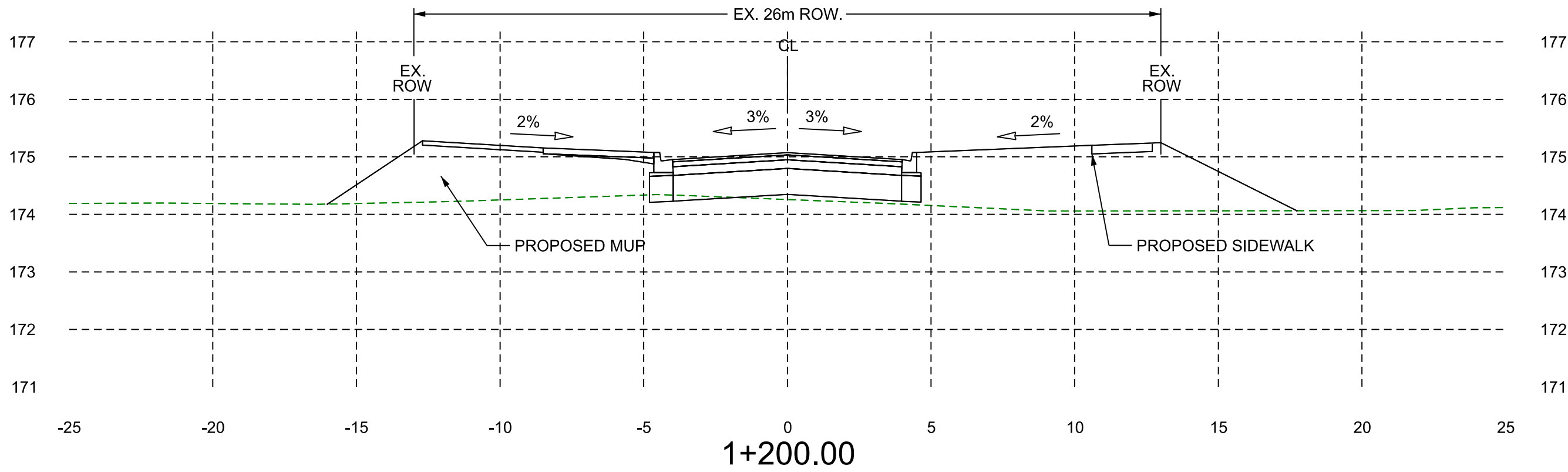
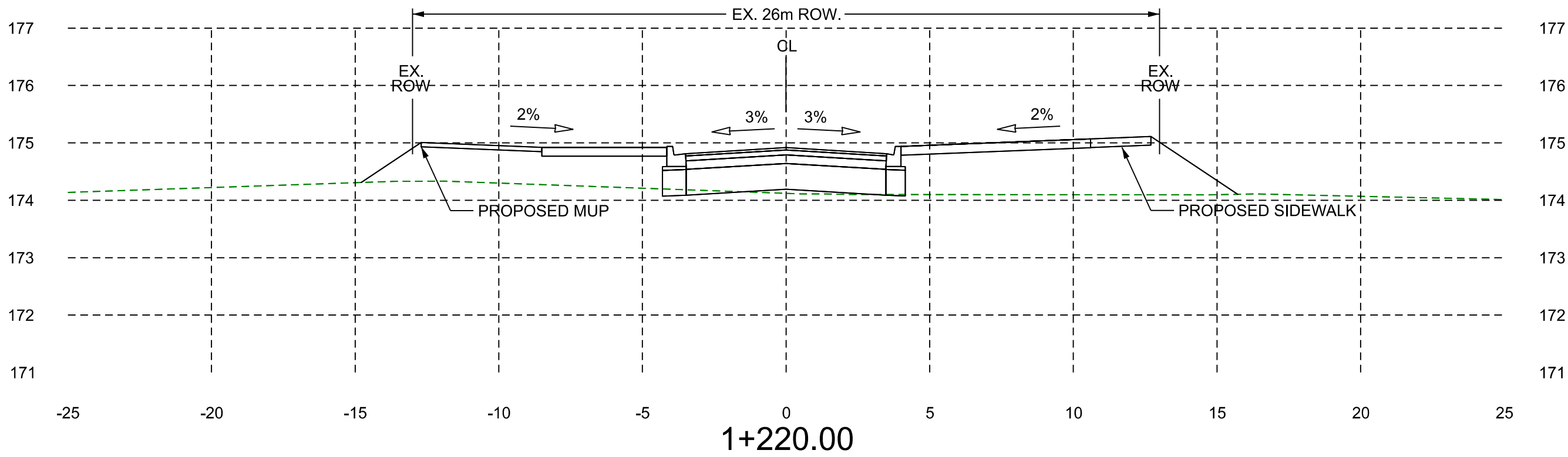
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Flower City

Public Works & Engineering
Capital Works

INTERMODAL DRIVE AND REGION
OF PEEL WATERMAIN
EXTENSION TO GOREWOOD DRIVE
MUNICIPAL CLASS EA
ALTERNATIVE 4G-EXTEND INTERMODAL DR.
TO A TIGHT CURVED ALIGNMENT

INTERMODAL DRIVE EXTENSION - SECTION VIEW

SCALE: 1:200DATE: 04/13/2025



60m50m40m30m20m10m0m5m10m

**BRAMPTON**
Flower City

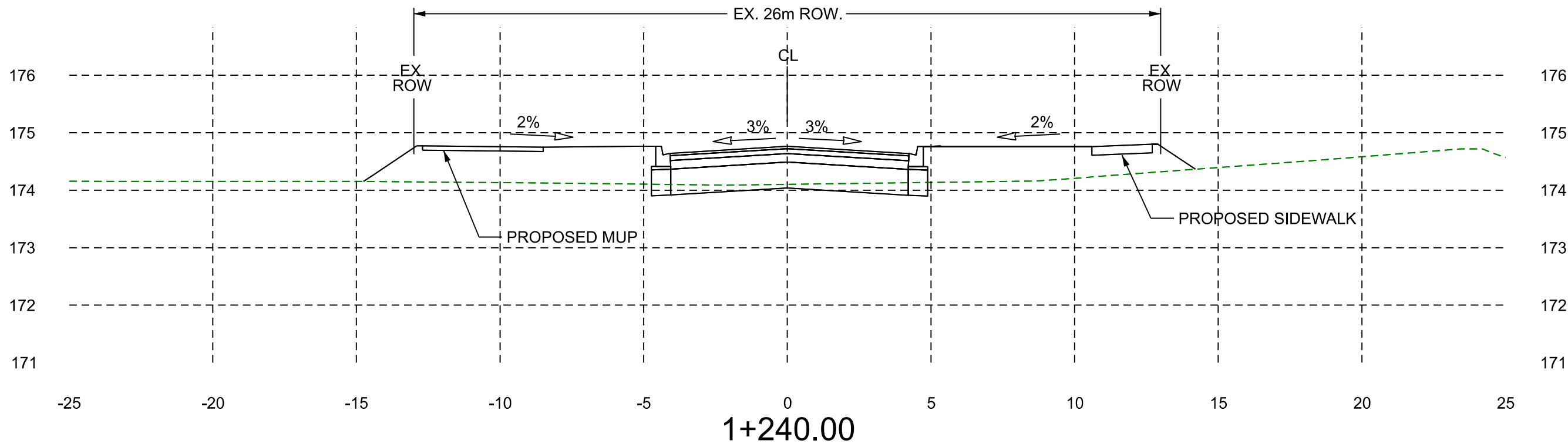
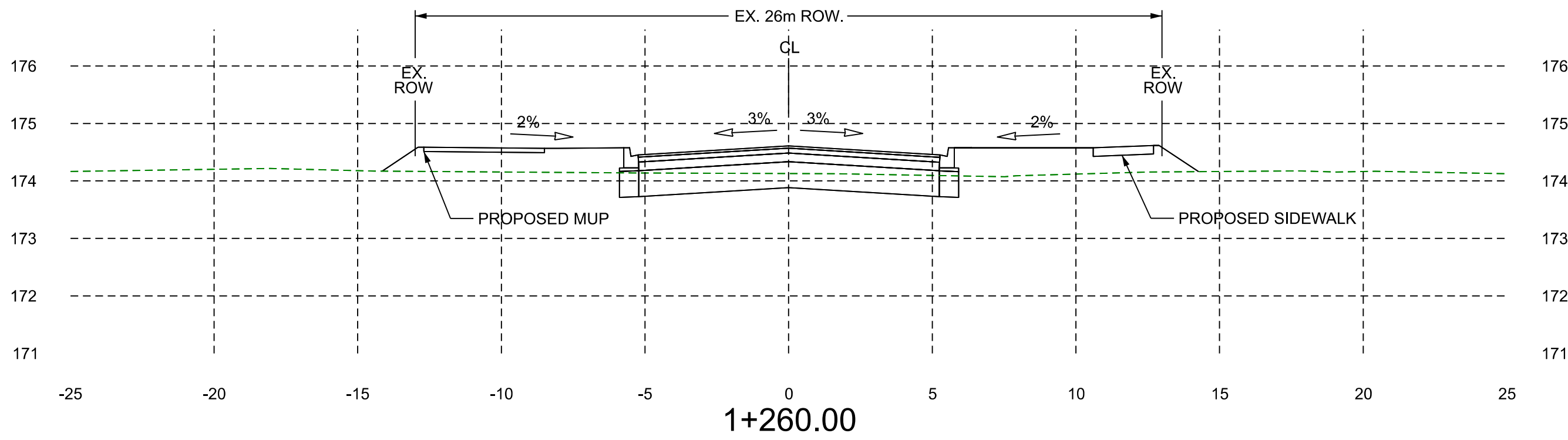
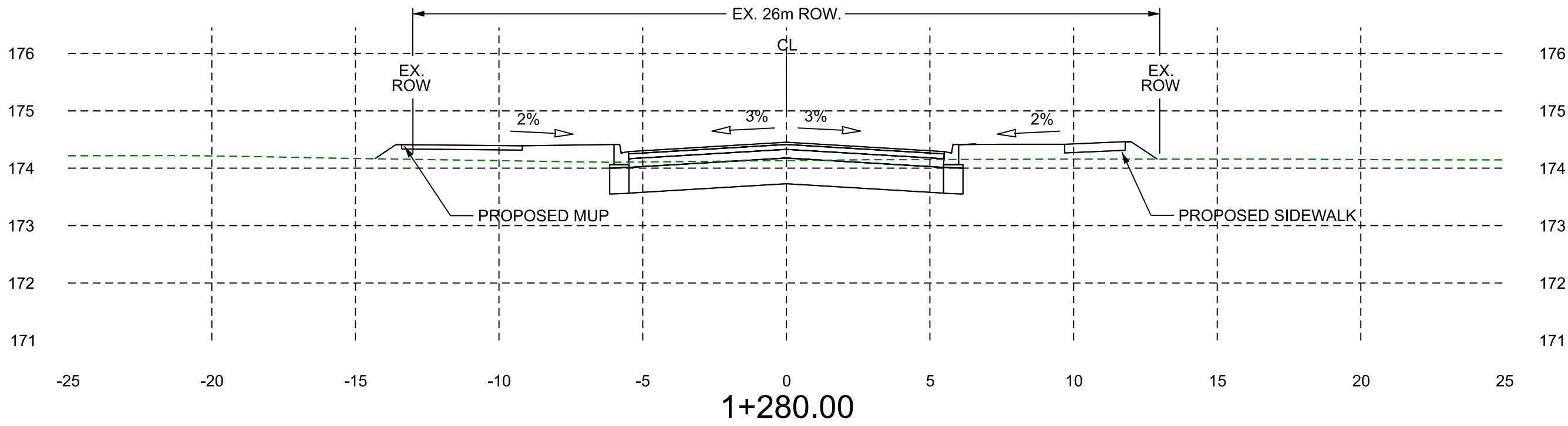
Public Works & Engineering
Capital Works

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SCALE:1:200

DATE:04/13/2025



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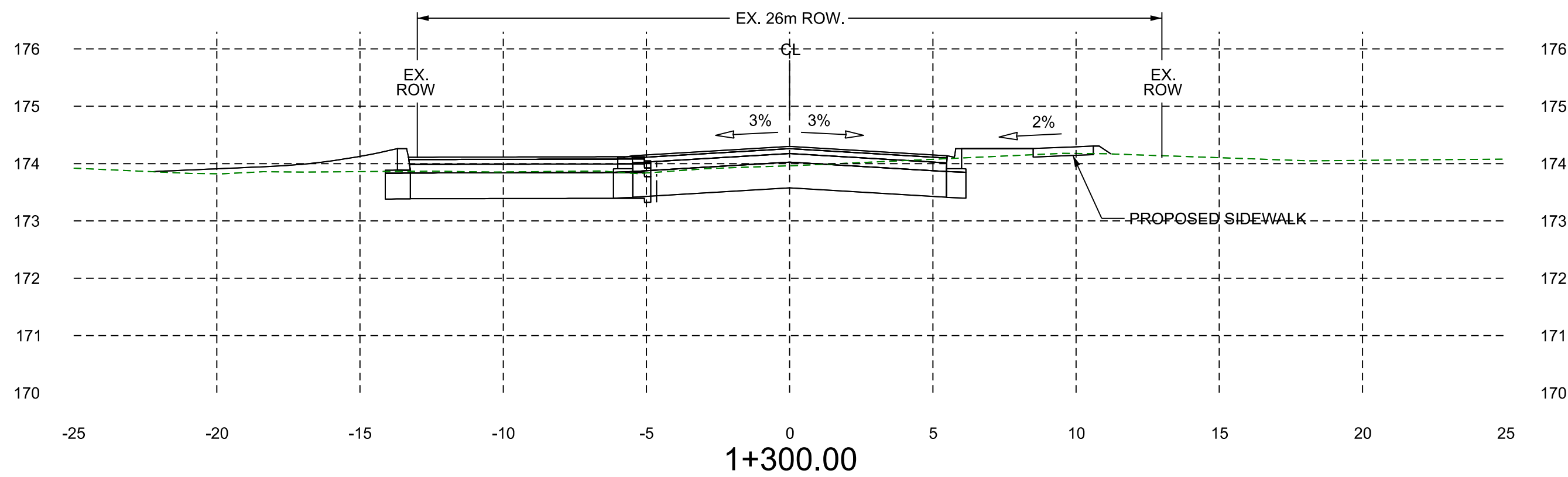
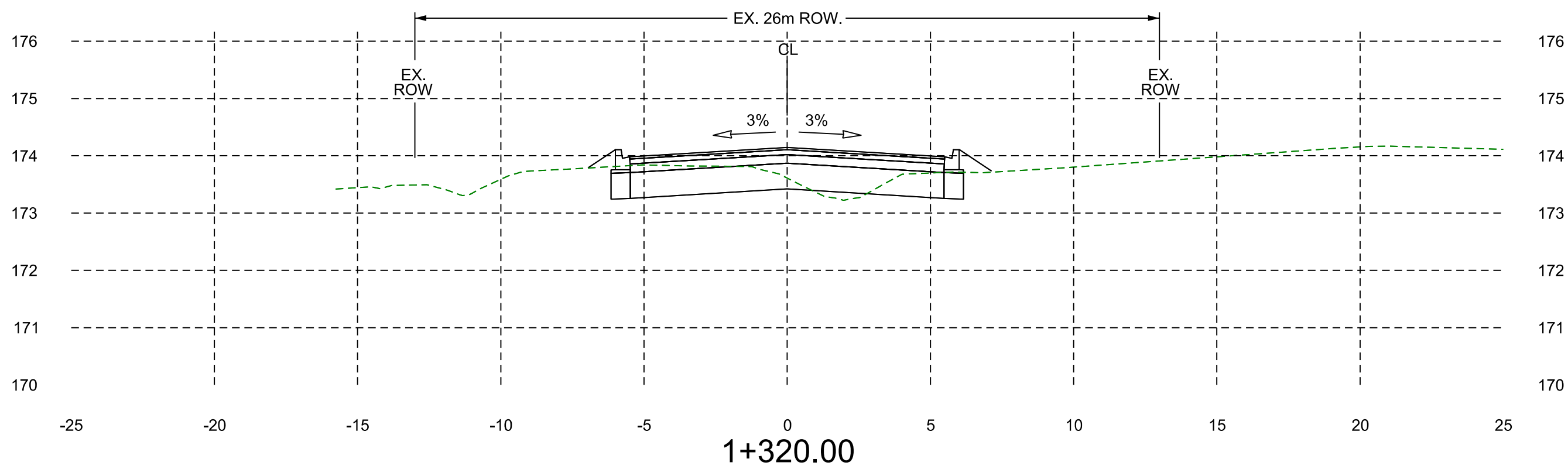
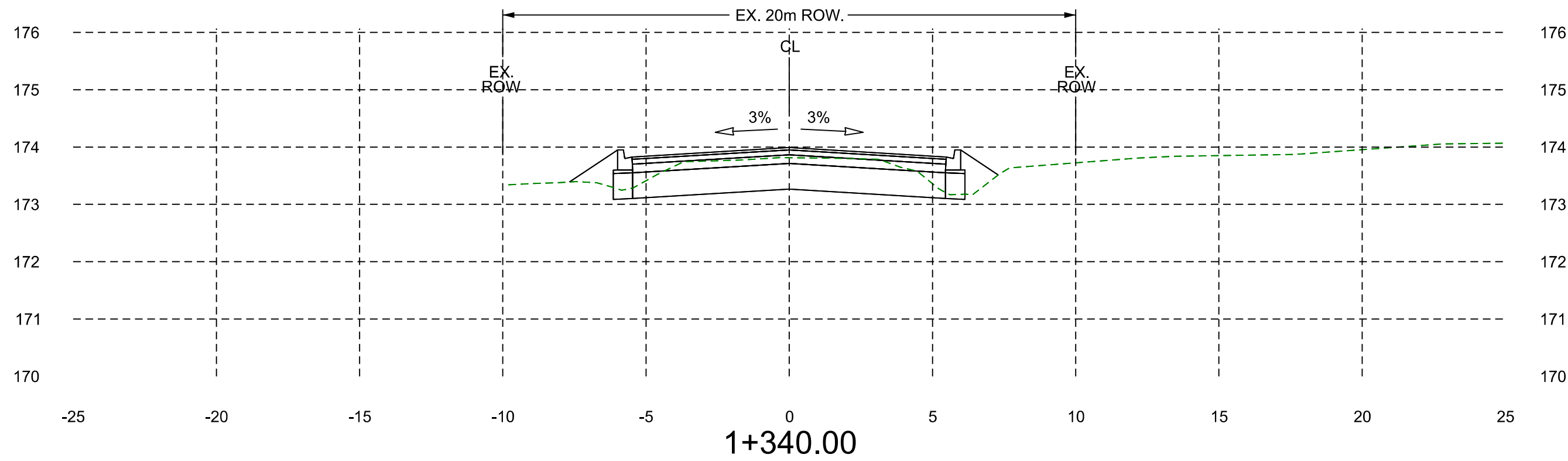
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MUNICIPAL CLASS EA
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INTERMODAL DRIVE EXTENSION - SECTION VIEW

SCALE: 1:200 DATE: 04/13/2025



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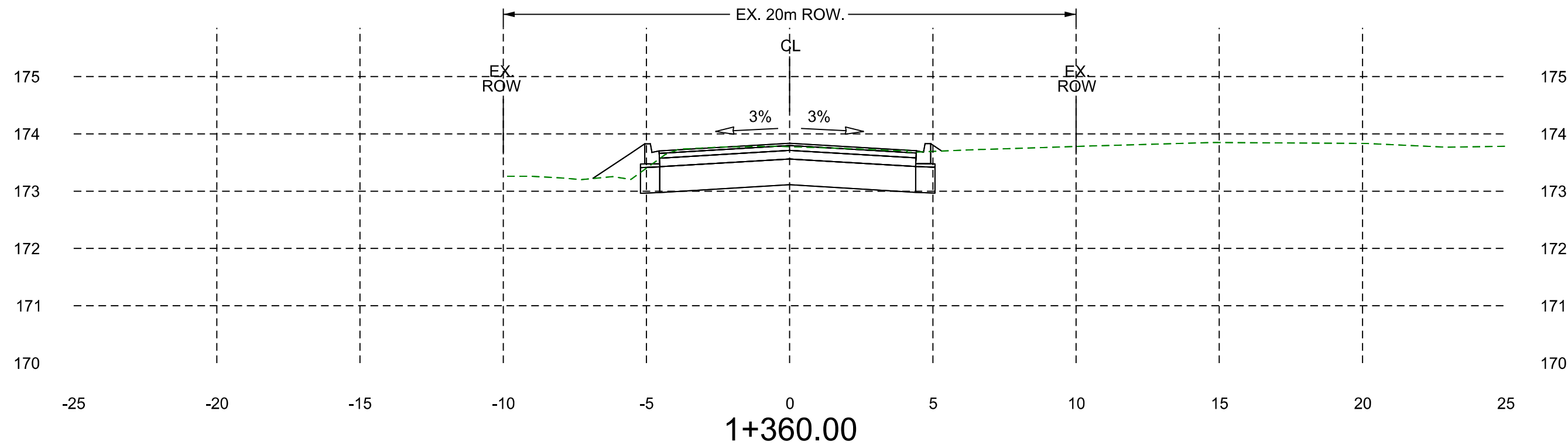
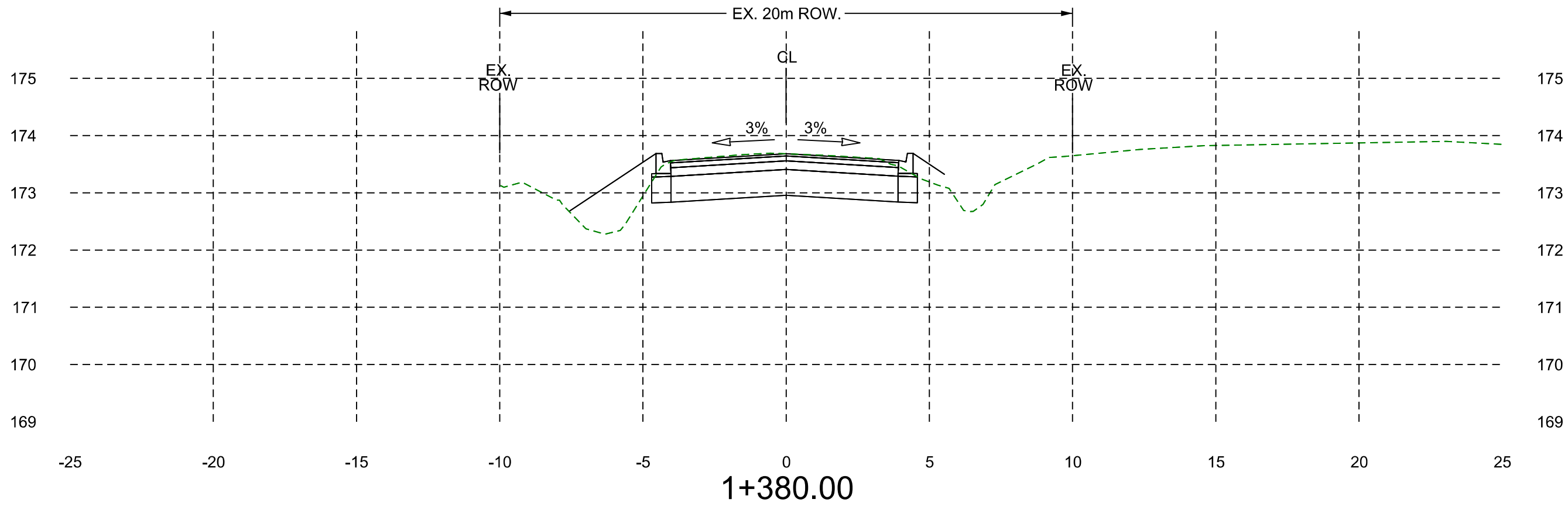
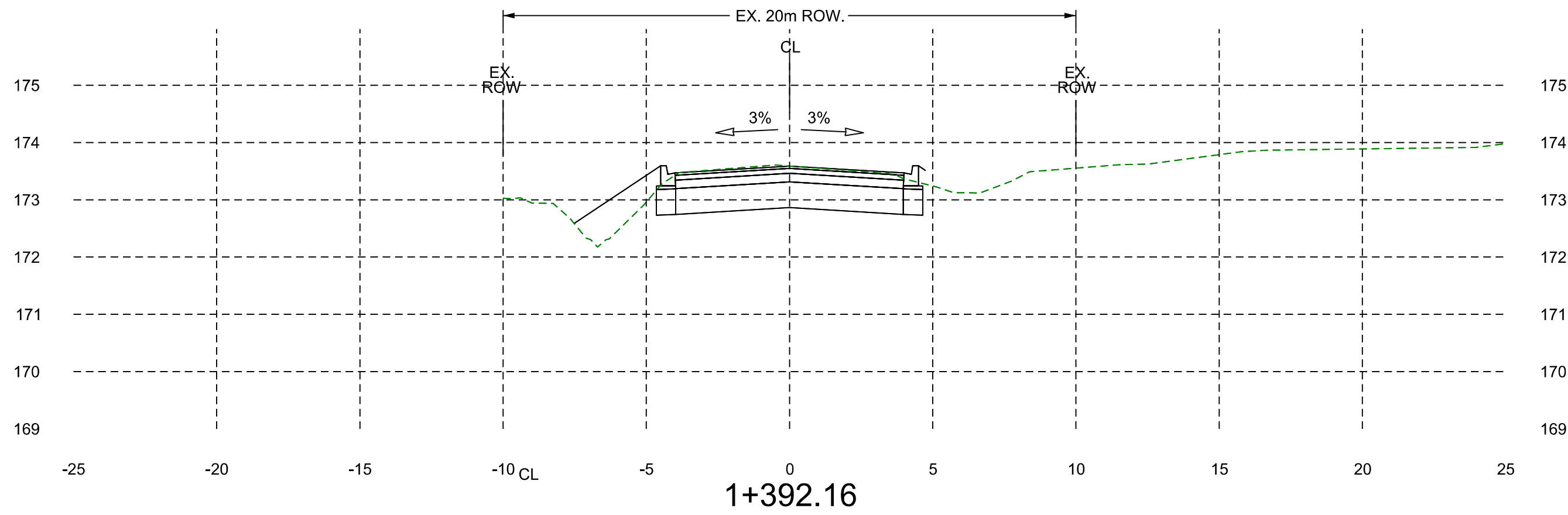
 **BRAMPTON** Flower City

Public Works & Engineering
Capital Works

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OF PEEL WATERMAIN
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MUNICIPAL CLASS EA
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INTERMODAL DRIVE EXTENSION - SECTION VIEW

SCALE: 1:200 DATE: 04/13/2025



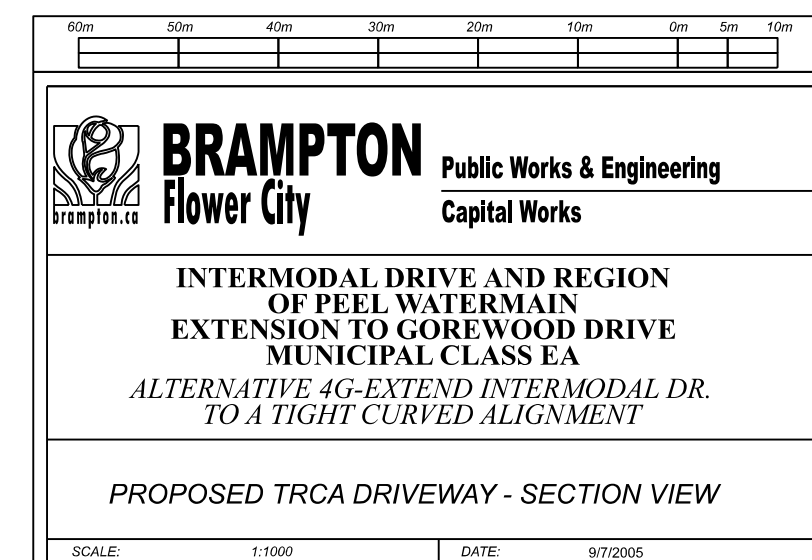
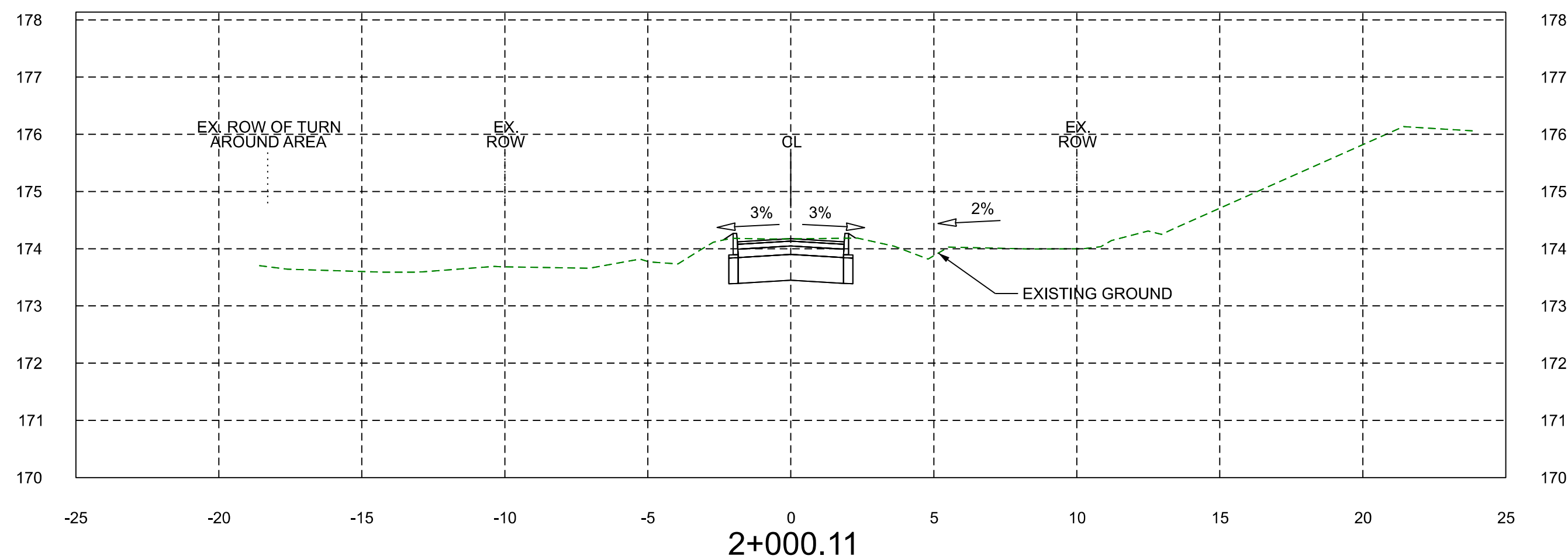
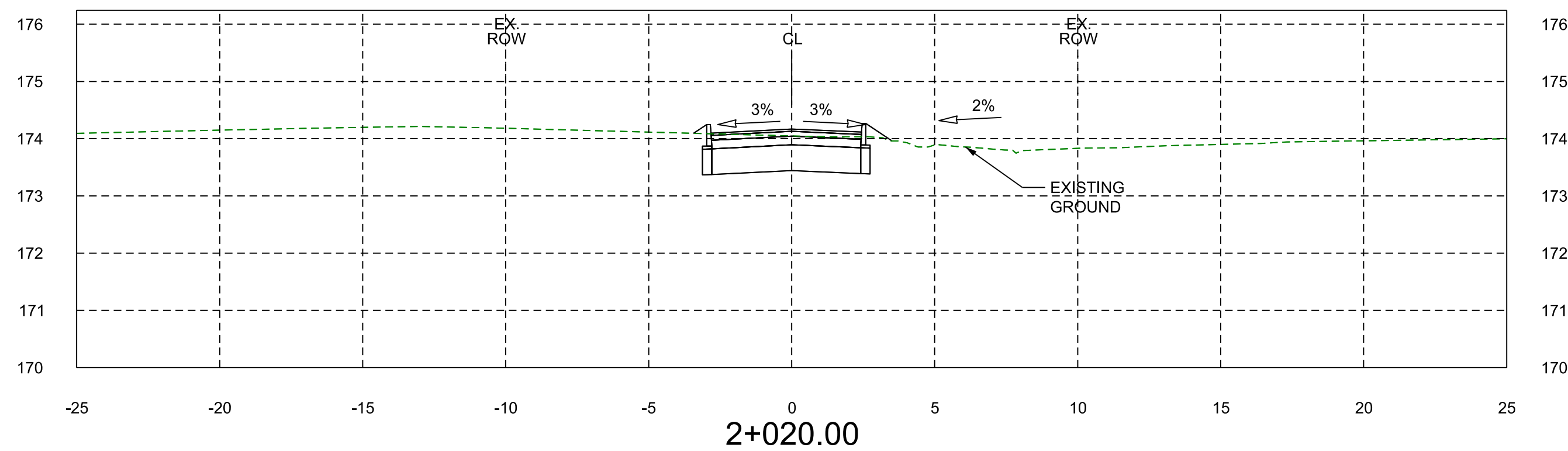
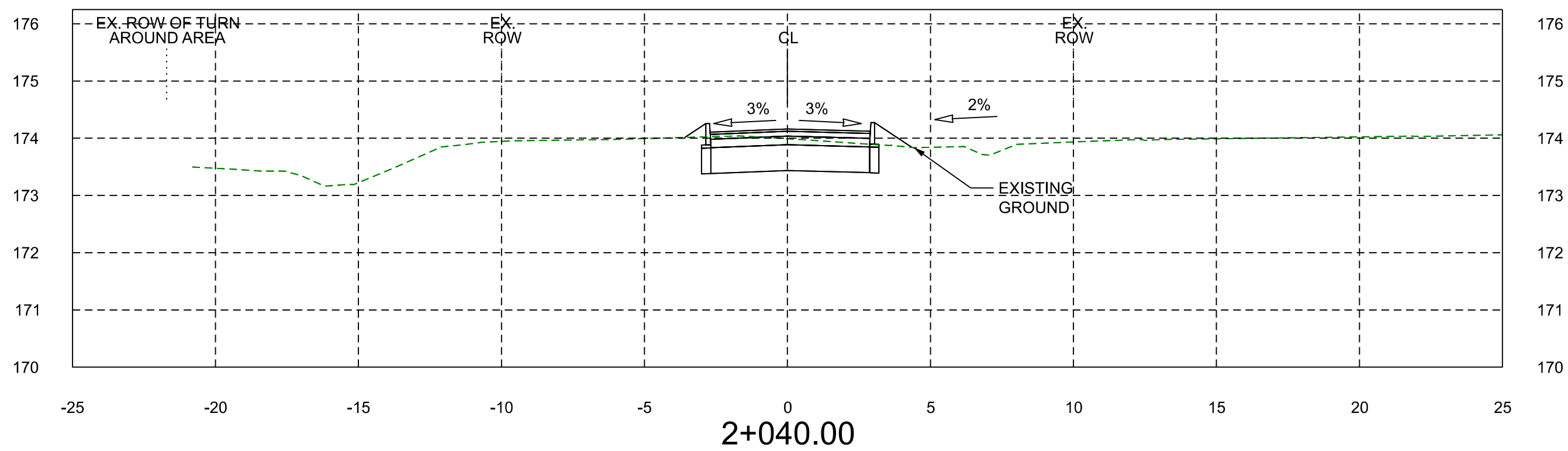
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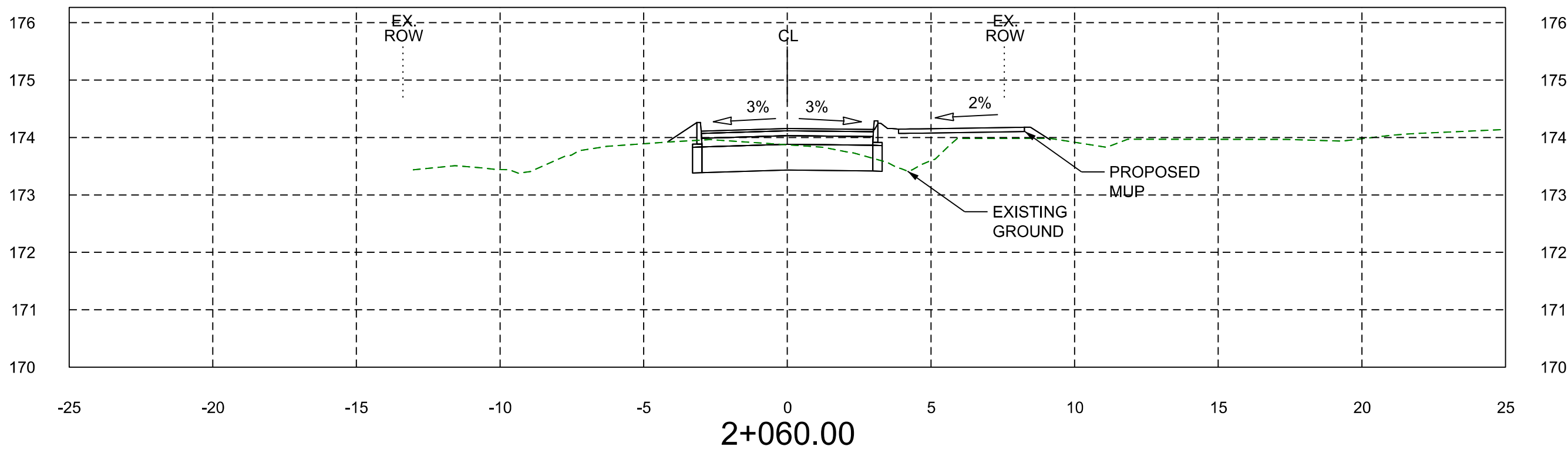
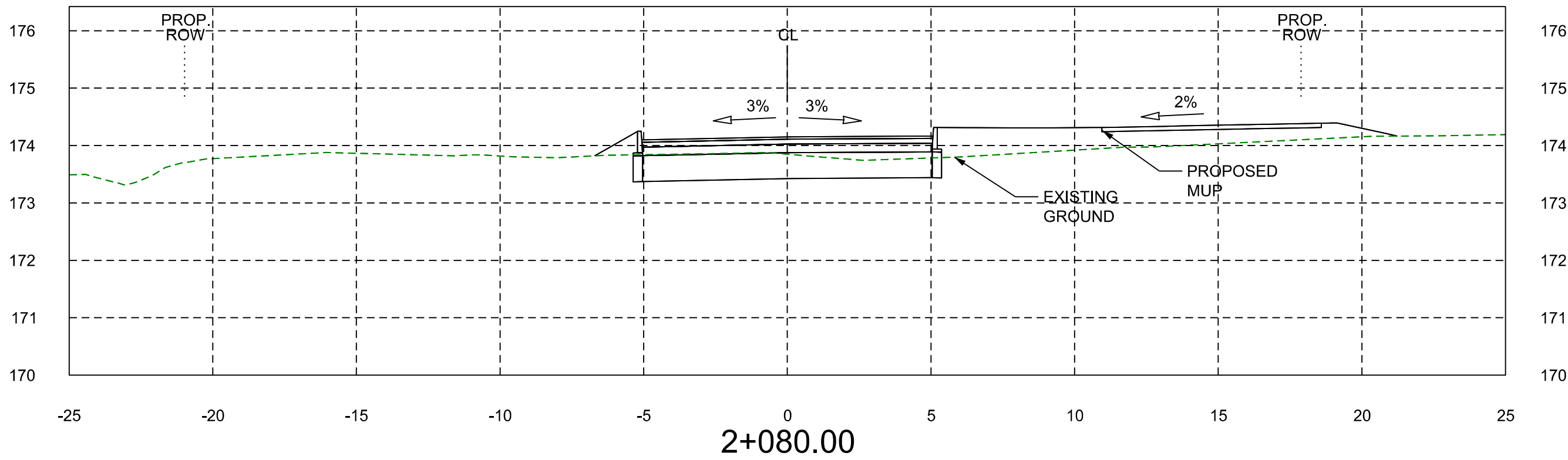
 **BRAMPTON** Public Works & Engineering
Flower City Capital Works

INTERMODAL DRIVE AND REGION
OF PEEL WATERMAIN
EXTENSION TO GOREWOOD DRIVE
MUNICIPAL CLASS EA
ALTERNATIVE 4G-EXTEND INTERMODAL DR.
TO A TIGHT CURVED ALIGNMENT

INTERMODAL DRIVE EXTENSION - SECTION VIEW

SCALE: 1:200 DATE: 04/13/2025





60m 50m 40m 30m 20m 10m 0m 5m 10m

 **BRAMPTON** Public Works & Engineering
Flower City Capital Works

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TO A TIGHT CURVED ALIGNMENT

PROPOSED TRCA DRIVEWAY - SECTION VIEW

SCALE: 1:1000 DATE: 9/7/2005